CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

YALE COLLEGE,

With a Statement of the Course of Instruction in the Various Departments,

1879–80

NEW HAVEN:
TUTTLE, MOREHOUSE & TAYLOR, PRINTERS
1879

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ABBREVIATIONS

A.	Absent on leave
C.	Old Chapel
D.	Durfee College
E.	East Divinity Hall
F.	Farnam College
L.	Lyceum
N.	North College
N. M.	North Middle College
N. S. H.	North Sheffield Hall
S.	South College
S. H.	Sheffield Hall
S. M.	South Middle College
TR.	Treasury Building
W.	West Divinity Hall

Upon the College Square, the rooms numbered from 1 to 32 are in South College; from 33 to 64 in South Middle College; from 65 to 96 in North Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam College; from 178 to 185 in the Lyceum; from 186 to 200 in the Old Chapel; from 201 to 240 in Durfee College.

The rooms in East Divinity Hall are numbered from 1 to 54; in West Divinity Hall from 55 to 124.

The rooms in Sheffield Hall are numbered from 1 to 22; in North Sheffield Hall from 28 to 58.

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CALENDAR

1879		
11 Sept.	Thursday	First Academical Term begins.
25 Sept.	Thursday	Fall Term, Department of Law, begins.
1 Oct.	Wednesday	School of the Fine Arts, term begins.
2 Oct.	Thursday	First Term, Department of Medicine, begins.
18 Dec.	Thursday	First Term ends.

Winter Vacation of three weeks.

1880		
8 Jan.	Thursday	Second Academical Term begins.
11 Feb.	Wednesday	First Term, Department of Medicine, ends.
26 Feb.	Thursday	Second Term, Dep't. of Medicine, begins.
11 March	Thursday	Junior Exhibition.
17 March	Wednesday	Spring Recess of two weeks begins.
25 March	Thursday	Winter Term, Department of Law, ends.
31 March	Wednesday	Spring Recess ends.
8 April	Thursday	Spring Term, Department of Law, begins.
6 May	Thursday	Berkeley Scholarship Examination.
11, 12 May	Tuesd., Wedn.	Annual Examination, Dep't. of Theology.
13 May	Thursday	Anniversary, Department of Theology.
24 May	Monday	Woolsey Scholarship Examination begins.
24 May	Monday	Winthrop Prize Examination.
31 May	Monday	School of the Fine Arts, term ends.
25 June	Friday	DeForest Prize Speaking.
27 June	Sunday	Baccalaureate Sermon.
28 June	Monday	Anniversary of the Department of Medicine.
29 June	Tuesday	Anniversary of the Sheffield Scientific School.
29 June	Tuesday	Presentation for Degrees, Academical Dep't.
30 June	Wednesday	Anniversary of the Society of Alumni.
30 June	Wednesday	Anniversary of the Department of Law.
1 July	Thursday	Commencement.
2, 3 July	Friday and Sat.	Examinations for admission to the Academical Department and to the Sheffield Scientific School.

Summer Vacation of eleven weeks.

14, 15 Sept.	Tuesd., Wedn.	Examinations for admission.
16 Sept.	Thursday	First Academical Term begins.
30 Sept.	Thursday	Fall Term, Department of Law, begins.
7 Oct.	Thursday	First Term, Department of Medicine, begins.
23 Dec.	Thursday	First Term ends.

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Lecturer on Church Polity and American Church History (1 E.) 247 Church st.

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Rev. JOHN HALL, D.D., *on Ministerial Piety*
Prof. ASA GRAY, LL.D., *on the Antagonisms of Scientific and Theological Thought, and how they are to be met or reconciled*
Rev. NATHANIEL G. CLARK, D.D., *on Modern Missions as a part of Church History*
Prof. LEONARD J. SANFORD, M.D., *on the Preservation of Health*

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Zacharias Marten, Rochester Theol. Seminary	*New Haven*	2 Broad st.
James Rawlins, Hartford Theol. Seminary	*New Haven*	75 W.

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Charles Edward Garman, B.D., B.A. Amherst College (*on the Hooker Fellowship*)	*North Orange, Mass.*	23 E.
William Bailey Hague, B.D., M.A. Knox College	*Galesburg, Ill.*	39 E.
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SENIOR CLASS

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William Fremont Blackman, B.A. Oberlin College	*Kirksville, Mo.*	102 W.
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James Oscar Emerson, B.A. Bates College	*Pittsfield, N. H.*	99 W.
Walter Berkley Floyd, Blackburn University	*Greenfield, Ill.*	19 E.
Archibald Hadden, B.A. Oberlin College	*Cleveland, O.*	103 W.
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William Beardsley Hubbard, B.A. Beloit College	*Shirland, Ill.*	76 W.
William Pari Huws, Bala College	*Dolyddelen, Wales*	33 E.
William White Leete, B.A. Amherst College	*New Haven*	80 W.
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Henry Tarrant	*Market Lavington, England*	40 E.
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George William Griffith, Franklin and Marshall Coll.	*Springfield, O.*	95 W.
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Newton Irving Jones, Dartmouth College	*Enfield, N. H.*	27 E.
Edward Duncan Kelsey, B.A. Marietta College	*Columbus, O.*	15 E.
Isaac Althaus Loose, B.A. Otterbein University	*Upper Bern, Pa.*	13 E.
John Nicholas Matincheff Oberlin College	*Samokove, Bulgaria*	12 E.
George Edward Nichols, B.A. University of Lewisburg	*Philadelphia, Pa.*	108 W.
Benjamin Chandler Pilsbury, M.A. Wesleyan University	*Stratford*	81 W.
Charles Wellington Shelton	*Birmingham*	29 E.
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George Washington Trimble, B.A. Beloit College	*Greenwood, Mo.*	42 E.
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James Amos Porter, B.A. Wooster University	*Vandalia, Mo.*	20 E.
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William Grafton Roberts, M.A. Adrian College	*Hudson, Mich.*	83 W.
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Thomas Dionysius Thomas, Bala College	*Llandyssil, Wales*	53 E.

William Arter Thomas, Mount Union College	*Alliance, O.*	35 E.
John Ellery Tuttle, B.A. Amherst College	*Perry, Me.*	22 E.
Francis Hubbard Viets, B.A. Brown University	*East Granby*	45 E.
Albert Warren, B.A.	*Leicester, Mass.*	4 E.
Charles Edgar Wilbur, B.A. Adrian College	*Manorville, N. Y.*	88 W.

SUMMARY

Resident Licentiates	6
Graduate Class	4
Senior Class	26
Middle Class	20
Junior Class	32
Total	88

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SENIOR CLASS, 10

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Julius Sanford Silliman	*Bridgeport*	Bridgeport
James Ebenezer Stetson	*New Haven*	34 Prospect st.
Caryl Fenelon Seely White	*New Haven*	104 York st.

MIDDLE CLASS, 7

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JUNIOR CLASS, 13

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SENIORS, 123

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John Stewart Durand	*Rochester, N. Y.*	144 F.
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Frederick Pickersgill	*Pittsburgh, Pa.*	147 F.
Wilson Howard Pierce	*Brookfield Center*	3 S.
Leonard Hayes Poole	*Baltimore, Md.*	160 F.
George Barclay Preston	*Pittsburgh, Pa.*	225 D.
Francis Esty Rice	*Framingham, Mass.*	139 F.
Harris Richardson	*Janesville, Wisc.*	141 F.
Arthur Heyward Ripley	*New York City*	142 F.
Lawrence Rolfe	*Auburn, Me.*	69 N. M.
Charles Burton Schram	*Milwaukee, Wisc.*	139 F.
Frederick Seymour	*Whitney's Point, N. Y.*	30 S.
James Sheldon	*New York City*	124 High st.
George Bliss Silliman	*East Haddam*	23 S.
Edward Lewis Simonds	*New Orleans, La.*	142 F.
John Clark Smith	*New Haven*	92 N. M.
William Francis Smith	*Colebrook*	98 N.
Henry Hezekiah Sprague	*Newark, O.*	32 S.
Frederic Haile Stebbins	*Springfield, Mass.*	7 S.
Arthur Griffin Stedman	*New York City*	155 F.
Willis Betts Sterling	*Cleveland, O.*	202 D.
Isaac Thomas	*Pottstown, Pa.*	200 Crown st.
Norman Frederick Thompson	*Rockford, Ill.*	32 S.
Francis Herbert Tichenor	*Parishville, N. Y.*	113 N.
Edward Staats DeGrote Tompkins	*Kinderhook, N. Y.*	72 N. M.
Henry Nelson Tuttle	*Chicago, Ill.*	229 D.
Edward Lambert Twombly	*Boston, Mass.*	158 F.
Edwin Stewart Underhill	*Bath, N. Y.*	23 S.
Adrian Sebastian Van de Graaff	*Los Angeles, Cal.*	157 F.
Frederic Richardson Vernon	*Brooklyn, N. Y.*	226 D.
Howard Talbot Walden	*Brooklyn, N. Y.*	29 S.
William Reid Walker	*Skull Shoals, S. C.*	177 Chapel st.
George Martin Wallace	*Wallingford*	74 N. M.
Pinckney Alston Waring	*Savannah, Ga.*	145 F.
Everett Warren	*Scranton, Pa.*	73 N. M.
Eben Hale Wells	*Chicago, Ill.*	174 F.
George Wakeman Wheeler, Jr.	*Hackensack, N. J.*	11 S.
Sherman Leland Whipple	*New London, N. H.*	104 N.
Arthur Eli White	*New York City*	90 High st.
Henry Charles White	*New Haven*	157 F.
Lasell Hayden White	*Richmondville, N. Y.*	494 Chapel st.
Charles Octavius Whitmore	*Farmington*	226 D.
George Woolsey	*New Haven*	250 Church st.
James Edwin Zunts	*New Orleans, La.*	16 S.

JUNIORS, 139

SOPHOMORE CLASS

Frank Frost Abbott	*Redding*	100 N.
John Lanson Adams	*Westport*	187 C.
James Ferguson Allen	*New Haven*	251 Church st.
Martin Smith Allen	*Brooklyn, N. Y.*	63 W.
Albert Hoffman Atterbury	*Trenton, N. J.*	48 College st.
Walter Irving Badger	*Boston, Mass.*	46 S. M.
William Elder Bailey	*Harrisburg, Pa.*	47 S. M.
Harry Rudolph Baltz	*Philadelphia, Pa.*	85 W.
Erwin Hinckley Barbour	*Oxford, O.*	66 N. M.
Henry Weldon Barnes	*Pittsburgh, Pa.*	45 S. M.
William Woodward Barrow	*New York City*	81 N. M.
Floyd Julius Bartlett	*Warsaw, N. Y.*	39 S. M.
Mortimer Stratton Bate	*Brooklyn, N. Y.*	42 S. M.
Robert Parker Bates	*Bennington, Vt.*	162 F.
Morgan Hawley Beach	*Alexandria, Va.*	59 S. M.
John Fred Beede	*Meredith Village, N. H.*	77 York st.
Samuel Bennett, Jr.	*White Hall, Ky.*	170 George st.
Cyrus Bentley, Jr.	*Chicago, Ill.*	464 Chapel st.
Charles Kingsbury Billings	*New York City*	A.
John Remsen Bishop	*New Brunswick, N. J.*	143 York st.
Julius Washburn Bliss	*Springfield, Mass.*	44 Elm st.
Charles Edward Blumley	*Norwich*	193 C.
George Shepard Boltwood	*New Haven*	77 Wall st.
Benjamin Brewster	*New Haven*	87 N. M.
Ferree Brinton	*Philadelphia, Pa.*	59 S. M.
Fred John Brockway	*Hopkinton, N. H.*	77 York st.
Nathaniel Richardson Bronson	*Waterbury*	148 F.
Wayland Irving Bruce	*Poughkeepsie, N. Y.*	143 York st.
Charles Winslow Burpee	*Rockville*	56 S. M.
Robert Camp	*Milwaukee, Wisc.*	46 S. M.
James Alexander Campbell	*St. Louis, Mo.*	55 S. M.
Charles Blackwell Case	*Three Bridges, N. J.*	75 N. M.
David Anderson Chenault, Jr.	*Richmond, Ky.*	170 George st.
William Churchill	*Montclair, N. J.*	6 Library st.
Stephen Merrill Clement, Jr.	*Buffalo, N. Y.*	101 N.
Robert Browning Corey	*Elmira, N. Y.*	63 W.
Edwin Bradford Cragin	*Colchester*	186 C.
Bryan Cumming	*Augusta, Ga.*	186 C.
George Edward Curtis	*Birmingham*	65 N. M.
Theodore DeWitt Cuyler	*Philadelphia, Pa.*	223 D.
Frederick Orren Darling	*New York City*	57 S. M.
Edwin Lynde Dillingham	*Bangor, Me.*	116 W.
Charles Gibbons Douw	*Poughkeepsie, N. Y.*	38 W.

Franklin Maynard Eaton	*St. Stephens, N. B.*	47 S. M.
William Phelps Eno	*New York City*	100 W.
Frank Cooley Farwell	*Chicago, Ill.*	223 D.
Augustine FitzGerald	*Litchfield*	68 W.
Carlton Alexander Foote	*New Haven*	347 Howard av.
Wilbur Harvey Nash Ford	*Milford*	25 Park st.
Burnside Foster	*Boston, Mass.*	58 W.
Asa Palmer French	*Braintree, Mass.*	55 S. M.
Joseph Emanuel Friend	*Milwaukee, Wisc.*	79 W.
Harry Chambers Fries	*Philadelphia, Pa.*	85 W.
Frank Runyon Gallaher	*Brooklyn, N. Y.*	57 S. M.
Charles Burr Graves	*New London*	191 C.
George Heber Graves	*New Haven*	87 N. M.
Chauncey Milton Griggs	*St. Paul, Minn.*	63 S. M.
Herbert Stanton Griggs	*St. Paul, Minn.*	63 S. M.
Alfred Chapman Hand	*Honesdale, Pa.*	194 C.
George Edward Haskell	*New Bedford, Mass.*	244 Crown st.
James Smith Havens	*Weedsport, N. Y.*	188. C.
Charles Samuel Hebard	*Williamsport, Pa.*	62 S. M.
Theodore Holland	*New York City*	155 Elm st.
Samuel Cornell Hopkins	*Catskill, N. Y.*	155 Elm st.
Henry Clarke Jefferds	*Bangor, Me.*	116 W.
Barclay Johnson	*New York City*	101 W.
Frank Albert Kellogg	*New Haven*	10 York sq.
John Prescott Kellogg	*Waterbury*	68 W.
James Henry Kingman	*New Bedford, Mass.*	244 Crown st.
David Kinlay, Jr.	*Andover, Mass.*	1 TR.
Alfred Beard Kittredge	*East Jaffrey, N. H.*	188 C.
Howard Hoyt Knapp	*South Norwalk*	44 S. M.
Charles Henry Lewis	*Naugatuck*	187 C.
Tun Yen Liang	*Kwang Tong, China*	48 College st.
Charles Jonas Long	*Wilkes Barre, Pa.*	7 Library st.
Seymour Crane Loomis	*Suffield*	305 Orange st.
Martin Lovering	*Harvard, Mass.*	1 TR.
Fred. Messenger Lowe	*Fitchburg, Mass.*	148 F.
Chester Wolcott Lyman	*New Haven*	88 Trumbull st.
Enoch Wilber McBride	*Goshen, N. Y.*	61 S. M.
Harry Chapman McKnight	*Ellington*	90 N. M.
Herbert Lyman Moodey	*Brooklyn, N. Y.*	42 S. M.
Charles Newton Morris	*West Hartford*	53 S. M.
George Wells Morrison	*Thompsonville*	48 S. M.
Arthur Sherwood Osborne	*New Haven*	156 Crown st.
Frank Edward Page	*Bath, Me.*	162 F.
Josiah Culbert Palmer	*Brooklyn, N. Y.*	39 S. M.
William Scranton Pardee	*New Haven*	327 George st.
Samuel Maxwell Parke	*Pittston, Pa.*	75 N. M.
William Henry Parsons, Jr.	*Rye, N. Y.*	53 S. M.
Chauncey Howard Pember	*Rockville*	60 S. M.

Walter Gillespie Phelps	*Windsor*	43 S. M.
Richard Henry Pierce	*Hopkinton, Mass.*	60 S. M.
Henry Barstow Platt	*Owego, N. Y.*	61 S. M.
William Pollock	*Pittsfield, Mass.*	203 D.
Edward Pascal Pratt	*Buffalo, N. Y.*	54 S. M.
Julius Howard Pratt, Jr.	*Montclair, N. J.*	68 N. M.
James Quackenbush Rice	*New Haven*	179 George st.
Charles Edward Richards	*Keene, N. H.*	194 C.
George Parker Richardson	*Bath, Me.*	64 S. M.
Robert Mayo Rolfe	*Auburn, Me.*	35 Sylvan av.
John Rossiter	*North Guilford*	91 N. M.
Henry Byron Sanderson	*Milwaukee, Wisc.*	67 W.
Daniel Sammis Sanford	*Redding Ridge*	100 N.
Arthur Scranton	*Scranton, Pa.*	9 Library st.
Charles Locke Scudder	*Great Barrington, Mass.*	192 C.
William Seymour	*Newington*	116 N.
Caleb Wright Shipley	*Cincinnati, O.*	40 S. M.
Levi Ives Shoemaker	*Wilkes Barre, Pa.*	94 W.
Charles Mather Sholes	*Newport, N. H.*	489 Chapel st.
Edward Vernon Silver	*Brooklyn, N. Y.*	7 Library st.
Lewis Mann Silver	*Brooklyn, N. Y.*	7 Library st.
Clarence Austin Smith	*Birmingham*	192 C.
Edward Eugene Smith	*Hartford*	90 N. M.
Frank Hiram Snell	*Washington, D. C.*	48 S. M.
Henry Speke Snyder	*Philadelphia, Pa.*	305 Elm st.
Charles Stillman	*New York City*	87 W.
Charles Bigelow Storrs	*New York City*	62 S. M.
Howard Peck Sweetser	*New York City*	40 S. M.
Bernard Titche	*Rayville, La.*	65 N. M.
Will Loujeay VanKirk	*Pittsburgh, Pa.*	37 S. M.
William Grandin Vought	*Buffalo, N. Y.*	37 S. M.
Tracy Waller	*New London*	191 C.
Daniel B. Weaver	*Lancaster, Pa.*	193 C.
Linard Campbell Webster	*Newark, O.*	99 N.
Edward Odell Weed	*New York City*	43 S. M.
Archibald Ashley Welch	*Hartford*	61 W.
Martin Welles	*Newington*	116 N.
John Lewis Wells	*Fayetteville, N. Y.*	101 W.
Thomas McDonnell Wentworth	*Racine, Wisc.*	91 N. M.
Joseph Ernest Whitney	*Cornwall*	56 S. M.
Emmet Smith Williams	*West Meriden*	61 W.
Harry Lucien Williams	*Northampton, Mass.*	64 S. M.
Franklin Eldred Worcester	*Albany, N. Y.*	38 S. M.
Arthur Bethuel Wright	*New Haven*	146 York st.

SOPHOMORES, 135

FRESHMAN CLASS

Loring William Andrews	*New York City*	90 High st.
Selden Bacon	*Norwich*	A.
Louis Whittier Baldwin	*New Haven*	36 College st.
Royal Sherwood Banks	*Fairfield*	82 N. M.
Francis Gibbons Beach	*New Haven*	124 Temple st.
Robert Mills Beach	*Springfield, Mass.*	72 High st.
Charles Seidles Beck, Jr.	*Wilkes Barre, Pa.*	44 Elm st.
Edward A. Beddall	*Port Carbon, Pa.*	27 Prospect st.
Frank Herbert Beede	*Dover, N. H.*	150 Elm st.
Nelson William Bell	*New York City*	494 Chapel st,
Cyrus Strong Bestor	*Norwich*	638 Chapel st.
Lewis Olie Billings	*Chicago, Ill.*	489 Chapel st.
Richard Mervin Bissell	*Chicago, Ill.*	15 Court st.
Lucius Boltwood	*New Haven*	77 Wall st.
George Hill Bottome	*New York City*	525 Chapel st.
Edward Gaylord Bourne	*New Haven*	94 N. M.
Henry Eldridge Bourne	*New Haven*	94 N. M.
Arthur Eugene Bowers	*North Manchester*	120 Dwight st.
Austin Lord Bowman	*South Windsor*	187 Temple st.
George Ernest Bowman	*South Windsor*	187 Temple st.
Robert Craighead Browning	*Indianapolis, Ind.*	128 N.
David Hillhouse Buel	*New York City*	494 Chapel st.
Charles Hudson Burr	*Bloomington, Ill.*	494 Chapel st.
Everett Doughty Burr	*New York City*	68 N. M.
George Lorenzo Burton	*New Haven*	555 Howard av.
Frederic Sanford Calhoun	*New Haven*	46 Trumbull st.
Henry Warner Calhoun	*New York City*	147 York st.
William Patterson Cantwell, Jr.	*Malone, N. Y.*	187 George st.
Albert Carr	*Collinsville*	187 Temple st.
George Prentiss Carroll	*Westville*	4 Library st.
Henry Carver	*Doylestown, Pa.*	489 Chapel st.
Livingston Reade Catlin	*New York City*	175 Oak st.
Francis Davis Chamberlain	*West Chester, Pa.*	77 W.
Hong Yen Chang	*Han Shan, China.*	124 W.
Henry Morton Chase	*Syracuse, N. Y.*	86 Grove st.
Norton Chase	*Albany, N. Y.*	134 College st.
Samuel Beresford Childs	*East Hartford*	43 Dwight pl.
Mun Yew Chung	*Han Shan, China.*	74 High st.
Charles Cameron Clarke, Jr.	*Sing Sing, N. Y.*	472 Chapel st.
Gilbert Colgate	*Orange, N. J.*	101 N.
Charles Farnham Collins	*Newport, R. I.*	109 N.
Robert Harrison Cornish	*Gillette, N. J.*	80 N. M.
Arthur Bradford Cornwall	*New Haven*	43 Dwight pl.
Charles Rogers Corwith	*Chicago, Ill.*	86 Wall st.

George Cromwell	*Brooklyn, N. Y.*	109 York st.
Frank Cunningham	*New York City*	128 N.
Edward Cornelius Cuyler	*Albany, N. Y.*	134 College st.
Arnold Guyot Dana	*New Haven*	24 Hillhouse av.
James Martin Dawson	*Wilmington, N. C.*	126 York st.
Thomas Herbert DeForest	*Birmingham*	126 High st.
Laurent Clerc Deming	*Hartford*	110 N.
Joseph Richardson Dilworth	*Pittsburgh, Pa.*	45 S. M.
Maurice Edwards Dunham	*Edgartown, Mass.*	222 Crown st.
Everett James Esselstyn	*Hollowville, N. Y.*	170 George st.
Seward Henry Fields	*Atlanta, Ill.*	121 Dwight st.
Arthur Lyman Fisk	*Northampton, Mass.*	222 Crown st.
Henry Edward Fisk	*Chicago, Ill.*	215 Crown st.
Charles Northrup Flint	*Port Henry, N. Y.*	202 Orange st.
Henry Titus Folsom	*Orange, N. J.*	458 Chapel st.
Charles Jenkins Foote	*New Haven*	86 York st.
Charles Seward Foote	*Port Henry, N. Y.*	494 Chapel st.
Henry Anthon Forchheimer	*Mobile, Ala.*	6 Orange st.
Robert Aldrich Fosdick	*Stamford*	126 High st.
William Fosdick	*Stamford*	464 Chapel st.
Elihu Brintnal Frost	*Peekskill, N. Y.*	126 York st.
Herbert Loring Frost	*Cleveland, O.*	201 Orange st.
John William Galbraith	*Erie, Pa.*	4 Library st.
William Gardner	*Fayetteville, N. Y.*	80 N. M.
Stephen Leonard Geisthardt	*Preston*	82 N. M.
Frank Forrest Giltner	*Oakland, Cal.*	97 N.
William Irwin Grubb	*Cincinnati, O.*	162 York st.
Charles Harris Hall	*Binghamton, N. Y.*	223 Elm st.
Charles Halsey	*Brooklyn, N. Y.*	109 York st.
Clifford Dudley Ham	*Dubuque, Iowa*	27 Prospect st.
Charles William Harkness	*Cleveland, O.*	62 W.
Benjamin Vincent Harrison	*Montclair, N. J.*	41 High st.
Frederick William Havens	*Bridgeport*	77 N. M.
Samuel Newhall Hawkes	*New Haven*	65 Martin st.
Victor Emanuel Helleberg	*Cincinnati, O.*	16 Church st.
Edward Neblett Hidden	*Madisonville, O.*	79 York st.
Harry Roberts Hillard	*Wilkes Barre, Pa.*	127 N.
Lord Butler Hillard	*Wilkes Barre, Pa.*	523 Chapel st.
Tuthill Reynolds Hillard	*Wilkes Barre, Pa.*	127 N.
Horace George Hoadley	*New Haven*	133 Dwight st.
William James Holly	*Philadelphia, Pa.*	156 York st.
Wilber Eugene Houpt	*Somerset, N. Y.*	187 George st.
Charles Goodrich Hower	*Cleveland, O.*	54 S. M.
Henry Martyn Hoyt	*Kingston, Pa.*	27 Prospect st.
Louis Kossuth Hull	*Lebanon*	44 S. M.
Thomas D. Husted	*Peekskill, N. Y.*	494 Chapel st.
Leland Howard Ives	*Meriden*	64 High st.
George Conkling Jennings	*Cleveland, O.*	125 High st.

William Henry Jessup	*Montrose, Pa.*	494 Chapel st.
George Washington Johnston	*Frankfort, Ky.*	7 Library st.
Daniel Albion Jones	*Fair Haven*	Fair Haven
Francis Bartlett Kellogg	*Avon*	126 N.
Fred William Kellogg	*Red Wing, Minn.*	95 N. M.
Clifford Stephen Kelsey	*Bridgeport*	93 N. M.
Charles Martin Kendall	*Angelica, N. Y.*	77 York st.
Sheldon Quayle Kerruish	*Cleveland, O.*	143 York st.
Daniel Stimson Knowlton	*Biddeford, Me.*	156 York st.
Harry Woodville Latham	*New York City*	464 Chapel st.
Fred Churchill Leonard	*Spring Mills, N. Y.*	126 N.
Carll Andrews Lewis	*New Haven*	258 George st.
Joseph McKeen Lewis	*New York City*	125 High st.
Allen Cooke Loomis	*Windsor*	79 N. M.
Charles Loughridge	*Oskaloosa, Iowa*	112 N.
George Henry Anderson Lyford	*Cincinnati, O.*	28 College st.
George Stanley Lynde	*Bangor, Me.*	77 W.
Oliver McKee	*Brooklyn, N. Y.*	109 York st.
Edward Tompkins McLaughlin	*Litchfield*	125 N.
William Hutchinson Merrill	*Brooklyn, N. Y.*	174 Orange st.
John Craig Miller	*Newburgh, N. Y.*	74 W.
Samuel Martin Kier Mitchell	*Pittsburgh, Pa.*	126 High st.
Cleveland Langston Moffett	*Newton, N. J.*	161 Temple st.
Eliakim Hastings Moore, Jr.	*Cincinnati, O.*	79 York st.
John Atwood Moore	*St. Louis, Mo.*	26 Elm st.
Charles Edward Morehouse	*New Milford*	489 Chapel st.
Augustus Tracy Morgan	*Binghamton, N. Y.*	170 George st.
Marcus Morton, Jr.	*Andover, Mass.*	84 Wall st.
Oliver Throck Morton	*Indianapolis, Ind.*	43 College st.
Horace Isaac Moyer	*Pottsville, Pa.*	27 Prospect st.
Joseph Horton Nelson	*Aurora, Ill.*	41 High st.
Walter Eben Nettleton	*Stockbridge, Mass.*	110 N.
Isaac Burkett Newton	*Norwich, N. Y.*	135 Elm st.
Harry Herbert Palmer	*Sioux City, Iowa*	594 Chapel st.
Joseph Robinson Parrott	*Oxford, Me.*	156 York st.
Dudley Phelps	*New York City*	126 York st.
Francis Johnson Phelps	*Andover, Mass.*	86 Wall st.
John Jay Phelps	*New York City*	115 W.
John Pierpont	*New Haven*	42 Argyle st.
Samuel Ball Platner	*Newark, N. J.*	81 Wall st.
Austin Roe Preston	*Buffalo, N. Y*	198 Crown st.
William Price	*Pottstown, Pa.*	55 W.
James Frank Raymond	*Brooklyn, N. Y.*	109 York st.
David Farnum Read	*Bridgeport*	93 N. M.
Edward Adams Richardson	*Groton, Mass.*	99 N.
Frederick William Rogers	*Lexington, Mass.*	86 Wall st.
Robert Cameron Rogers	*Buffalo, N. Y.*	198 Crown st.
Joseph James Rose	*Bridgeport*	77 N. M.

Amasa Wright Saltus	*Brooklyn, N. Y.*	432 Chapel st.
Edward Barteau Sargent	*Cincinnati, O.*	198 Crown st.
Linton Satterthwait	*Trenton, N. J.*	79 N. M.
Andrew Linn Sawyer	*New Haven*	150 College st.
Rollin Augustus Sawyer, Jr.	*New Haven*	150 College st.
Frederick David Shaffer	*Cincinnati, O.*	222 Crown st.
Stanley Shaffer	*Cincinnati, O.*	222 Crown st.
Charles Colebrook Sherman	*Syracuse, N. Y.*	86 Grove st.
Henry Warner Slocum, Jr.	*Brooklyn, N. Y.*	116 College st.
Forrest Gilman Small	*Wilton, Me.*	125 Dwight st.
Albert Edward Smith	*North Haven*	4 Library st.
Clarence Melbury Smith	*Angelica, N. Y.*	77 York st.
Edward Everett Smith	*Birmingham*	112 N.
Herbert Rodgers Smith	*Norwalk*	161 Temple st.
Warren Weston Smith	*New York City*	125 N.
Thomas Shepard Southworth	*West Springfield, Mass.*	139 High st.
Frank Penrose Sproul	*Pittsburgh, Pa.*	84 Wall st.
Frank Burton Stevens	*Dover, N. H.*	150 Elm st.
William Kerper Stevens	*Reading, Pa.*	130 York st.
William Hamilton Stockwell	*Orange, N. J.*	4 Library st.
Horatio Odell Stone	*Chicago, Ill.*	458 Chapel st.
Henry Hastings Strong	*Westfield, Mass.*	156 York st.
Albert Edmond Symington	*New York City*	9 Library st.
Horace Dutton Taft	*Cincinnati, O.*	35 College st.
Yew Fun Tan	*Kwong Tung, China*	196 Crown st.
Frank Corning Tanner	*Norwich Town*	95 N. M.
John Prentice Terry	*Brooklyn, N. Y.*	107 York st.
Sherman Day Thacher	*New Haven*	155 Crown st.
Henry Czar Merwin Thomson	*New Haven*	139 George st.
Frank Brodhead Tracy	*Brooklyn, N. Y.*	208 Elm st.
Joseph Parker Trowbridge	*New Haven*	41 College st.
William Trumbull	*Valparaiso, Chili*	153 Crown st.
Shou Kie Tsai	*Kwong Tung, China*	169 Temple st.
Denison Baldwin Tucker	*New Haven*	169 Orange st.
Harold Vernon	*Brooklyn, N. Y.*	147 York st.
Frederic Denison Ward	*New York City*	133 York st.
John Elton Wayland	*New York City*	Tontine Hotel.
William Warren Weeks	*Havre, France*	111 N.
John Charles Fremont Wheelock	*Mendon, Mass.*	125 Dwight st.
Clarence Wetherill Wilson	*Buffalo, N. Y.*	198 Crown st.
Kae Kah Wong	*Foo Chow, China*	169 Temple st.
John Butler Woodward	*Wilkesbarre, Pa.*	523 Chapel st.
Paul Wright	*New Haven*	146 York st.
Morrison Waite Young	*Toledo, O.*	155 Crown st.

FRESHMEN, 184

SHEFFIELD SCIENTIFIC SCHOOL

GOVERNING BOARD

REV. NOAH PORTER, D.D., LL.D., PRESIDENT
GEORGE J. BRUSH, M.A., *Chairman and Executive Officer*
WILLIAM A. NORTON, M.A.
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WILLIAM D. WHITNEY, PH.D., LL.D.
SAMUEL W. JOHNSON, M.A.
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JOHN E. CLARK, M.A.
DANIEL C. EATON, M.A.
THOMAS R. LOUNSBURY, B.A.
FRANCIS A. WALKER, PH.D.
OSCAR D. ALLEN, PH.D.
ADDISON E. VERRILL, M.A.
SIDNEY I. SMITH, PH.B.
WILLIAM G. MIXTER, PH.B.
A. JAY DU BOIS, PH.D.

ADDITIONAL INSTRUCTORS

ALBERT S. WHEELER, M.A.
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A. HJALMAR EDGREN, PH.D.
JOSEPH F. KLEIN, D.E.
JAMES F. COLBY, M.A.
ALLEN B. HOWE, PH.D.
RUSSELL H. CHITTENDEN, PH.B.
SAMUEL L. PENFIELD, PH.B.
ALBERT L. WEBSTER, PH.B.

GRADUATE STUDENTS

William Whittlesey Abbott, PH.B.	*New Haven*	257 Church st.
Otis Elihu Atwater, B.A.	*Brattleboro, Vt.*	34 S. M.
Leonard Strong Austin, PH.B.	*Stratford*	Stratford
John Pomeroy Bartlett, PH.B.	*New Britain*	16 S. H.
Russell Henry Chittenden, PH.B.	*New Haven*	95 Humphrey st.
William James Comstock, PH.B.	*Toledo, O.*	37 College st.
Henry Herbert Donaldson, B.A.	*Stockbridge, Mass.*	120 W.
Augustus James Emery, PH.B.	*Bangor, Me.*	544 Chapel st.
Henry Allen Hazen, M.A. Dartmouth College	*New Haven*	298 Chapel st.
Jefferson Engel Kershner, B.A. Franklin and Marshall College	*Leesport, Pa.*	26 Trumbull st.
Joseph Frederick Klein, D.E.	*New Haven*	86 Nichols st.
Benjamin Franklin Koons, B.A. Oberlin College	*Sulphur Springs, O.*	36 Court st.
Charles Newton Little, B.A. Nebraska University	*Lewis, Iowa*	135 Elm st.
Samuel Lewis Penfield, PH.B.	*Catskill, N. Y.*	14 S. H.
Richard Rathbun Cornell University	*Buffalo, N. Y.*	N. S. H.
Frederick Sumner Smith, B.A.	*New Haven*	78 Trumbull st.
Heman Bangs Smith, M.D.	*New Haven*	102 Howe st.
Ebin Jennings Ward, PH.B.	*Marseilles, Ill.*	251 Church st.
Albert Lowry Webster, PH.B.	*Staten Island, N. Y.*	14 S. H.
Horace Lemuel Wells, PH.B.	*New Britain*	47 N. S. H.
Samuel Wendell Williston, M.A. Kansas State Agric. College	*Manhattan, Kan.*	162 Olive st.
George Leverett Wilson, PH.B.	*West Killingly*	47 N. S. H.

GRADUATE STUDENTS, 22

NOTE—These names have been already given in the list of Graduate Students on page 22.

SENIOR CLASS

Daniel Sidney Appleton, Jr.	*New York City*	43 College st.
Charles Rufus Ayres	*Woodmont*	6½ York sq.
Charles Backus Ball	*New Haven*	32 Mansfield st.
Rogers Clark Ballard	*Louisville, Ky.*	464 College st.
Harry Banning Bradford	*Wilmington, Del.*	36 Elm st.
Harry Osborn Carrington	*New Haven*	527 Chapel st.
Joseph Arthur Chanute	*New York City*	66 W.
George Huntington Clark	*Norwich*	19 Trumbull st.
Arthur Baylies Coffin	*Edgartown, Mass.*	128 High st.
Edward Allen Colby	*St. Johnsbury, Vt.*	7 Library st.
Frank McAlpine Collin	*Penn Yan, N. Y.*	27 Prospect st.
Charles Mabie Crouse	*Syracuse, N. Y.*	36 Elm st.
Charles Thompson Dodd	*West Meriden*	6½ York sq.
Arthur Dodge	*Stamford*	525 Chapel st.
Thomas Edward Doolittle	*Onarga, Ill.*	36 Elm st.
Jacob Edward Emery	*Fair Haven*	17 Crown st.
William Henry Fox	*Washington, D. C.*	A.
George Edward Goodspeed	*East Haddam*	189 George st.
John Warren Hardenbergh	*Jersey City, N. J.*	36 Elm st.
Louis Maynard Higginson	*Newburgh, N. Y.*	43 College st.
Walter Hitchcock	*Cheshire*	19 Trumbull st.
Theodore Lanahan Hooper	*Baltimore, Md.*	169 Temple st.
Colin Macrae Ingersoll	*New Haven*	85 Trumbull st.
Martin Edward Jensen	*Cleveland, O.*	6½ York sq.
David Brown Lewis	*Utica, N. Y.*	38 Elm st.
Ernest Theophilus Liefeld	*New Haven*	36 Orchard st.
Willey Solon McCrea	*Chicago, Ill.*	36 Elm st.
John Moorhead	*Pittsburgh, Pa.*	165 Temple st.
Carl Eugene Munger	*Watertown*	27 Prospect st.
Edward Butler Needham	*Hartford*	36 Elm st.
Frederic Adriance Osborn	*New Haven*	150 York st.
George Benjamin Phelps, Jr.	*Watertown, N. Y.*	36 Elm st.
Dwight Porter	*Hartford*	14 Lock st.
Edward Freeman Porter	*Stowe, Vt.*	23 Prospect st.
Edward Vilette Reynolds	*Chicago, Ill.*	A.
Edwin McNeil Rogers	*Central City, Col.*	66 W.
George Bliss Rogers	*Lexington, Mass.*	36 Elm st.
Edward Rupert Sargent	*New Haven*	51 Elm st.
William Bartlett Schofield	*West Point, N. Y.*	201 Orange st.
Henry Starkweather	*New Haven*	State Hospital.
Adrian Rowe Wadsworth	*Farmington*	128 High st.
William Candee Warren	*Buffalo, N. Y.*	84 Wall st.
Adolph Frederic Wehner	*New Haven*	544 Chapel st.
George Goodwin Williams	*Glastonbury*	128 High st.

SENIORS, 44

JUNIOR CLASS

Charles Francis Adams	*Jessups, Md.*	120 High st.
Ethan Allen Andrews	*Tarrytown, N. Y.*	175 Temple st.
George Jackson Angell	*Brooklyn, N. Y.*	167 Temple st.
Edward Bailey	*Harrisburgh, Pa.*	489 Chapel st.
Frank Lewis Bigelow	*New Haven*	278 Orange st.
George Frederick Bosworth	*Milford*	94 Olive st.
Lester Paige Breckenridge	*Westfield, Mass.*	114 High st.
Charles Sheldon Burnham	*Woodbridge*	
Charles Monroe Carpenter, Jr.	*Brooklyn, N. Y.*	258 Orange st.
Frederick Casper	*West Meriden*	196 Crown st.
Charles Chamberlain	*Brooklyn, N. Y.*	55 Trumbull st.
Howard Field Chappell	*Chicago, Ill.*	36 Elm st.
George Strong Daniels	*New York City*	92 W.
Harry Sprague Davidson	*San Francisco, Cal.*	432 Chapel st.
Charles Manville Downs	*New Haven*	70 Wooster st.
Oliver Winchester Dye	*New Haven*	194 Prospect st.
John Slade Ely	*New York City*	71 W.
George Sherman Folsom	*Northford*	161 George st.
Seymour Francis Frasick	*Hartford*	99 Wall st.
Albert Moses Gerstle	*Youngstown, O.*	6 Orange st.
Henry Holbrook Gladding	*New Haven*	170 Martin st.
William Loomis Griswold	*Banksville*	127 Whalley av.
Frederic Jonathan Hiller	*Cohoes, N. Y.*	71 W.
Samuel Higgins	*Buffalo, N. Y.*	48 College st.
Frank Allison Hubbard	*Sandusky, O.*	59 W.
Blain Jamison	*New Orleans, La.*	55 Trumbull st.
Jeme Tien Yow	*Canton, China*	169 Temple st.
Edmund Parker Lord	*Saxonville, Mass.*	86 W.
Richard Becker Lyon	*New Haven*	710 Chapel st.
Silas Metzger	*New Haven*	17 Grove st.
Edwin Kirtland Morse	*Poland, O.*	49 Grove st.
Marcus Daty Munn	*Southington*	127 Whalley av.
Marvin Olcott	*Corning, N. Y.*	86 W.
Owyang Keng	*Canton, China*	169 Temple st.
Francis Stuyvesant Peabody	*Chicago, Ill.*	36 Elm st.
Oliver Phelps	*Canandaigua, N. Y.*	59 W.
Harry Smith Pope	*Jersey City, N. J.*	57 W.
Addison Alexander Righter	*Newark, N. J.*	73 W.
John Hutchinson Robinson	*Lake Village, Ark.*	6½ York sq.
George Lewis Sargent	*New Haven*	51 Elm st.
Joseph Denny Sargent	*New Haven*	51 Elm st.
Louis Jacob Schiller	*New Haven*	8 Martin st.
Bernard Joseph Shanley	*New Haven*	211 Franklin st.
Frank Augustus Smith	*New Haven*	36 Lyon st.
Henry Taber	*New York City*	33 Prospect st.

John Heyward Trumbull	*Talcahuano, Chili*	41 Trumbull st.
Richard Lindsay Trumbull	*Talcahuano, Chili*	41 Trumbull st.
John Henry Ullrich	*Decatur, Ill.*	6½ York sq.
Howard VanRensselaer	*Albany, N. Y.*	23 Prospect st.
Frank Charles Warner	*West Suffield*	305 Orange st.
Robert William Watson	*Ashtabula, O.*	65 w.
Harry Yale Witbeck	*Chicago, Ill.*	6½ York sq.
William Meeker Wood	*Morristown, N. J.*	191 Temple st.
Arthur Burnham Woodford	*West Winsted*	116 College st.
Charles Worthington Wright	*West Roxbury, Mass.*	82 Wall st.
Willis Benton Wright	*Cromwell*	88 Grove st.

JUNIORS, 56

FRESHMAN CLASS

Horace Ellsworth Andrews	*Cleveland, O.*	162 York st.
Alfred Warren Armstrong	*Cleveland, O.*	162 York st.
Charles Noyes Batcheller	*Wallingford, Vt.*	60 w.
Henry Jonathan Biddle	*Philadelphia, Pa.*	4 Library st.
Francis Hayes Blake	*New Haven*	Mill Rock
Nathan Gross Bozeman	*New York City*	489 Chapel st.
Harry Weir Casey	*Washington, D. C.*	82 Wall st.
William Anson Chamberlin	*New Haven*	30 Trumbull st.
Kee Yung Chun	*Canton, China*	169 Temple st.
Tsung Ching Chung	*Canton, China*	59 Wall st.
William Henry Crocker	*San Francisco, Cal.*	489 Chapel st.
Walter Root Downs	*New Haven*	64 La Fayette st.
James John Drummond	*Winfield, Ill.*	25 Prospect st.
Robert Ogden DuBois	*New Haven*	328 Howard av.
George Mortimer Dunham	*Unionville*	60 w.
Richard Lawrence Everit	*New Haven*	281 Whitney av.
Herbert Waldron Faulkner	*Stamford*	115 Green st.
Alexander Bryan Johnson	*Utica, N. Y.*	64 w.
Herbert Deatherage Lacey	*Brooklyn, N. Y.*	90 Grove st.
Frederick William La Forge	*Waterbury*	547 Chapel st.
Frank Judson Lambert	*New Haven*	12 Eld st.
Norman Smith Latham	*Manchester*	120 Dwight st.
Nathaniel White Lynde	*West Brookfield, Mass.*	120 High st.
William Danforth MacQuesten	*Washington, D. C.*	86 Wall st.
Walter Edward Malley	*New Haven*	714 Chapel st.
Sheldon Elton Minor	*Thomaston*	547 Chapel st.

Nagamoto Okabe	*Tokio, Japan*	6 Trumbull st.
Edward Paramore	*St. Louis, Mo.*	26 Elm st.
Frank Spooner Parrott	*Bridgeport*	110 w.
Lewis Valentine Pirsson	*New York City*	121 Park st.
James Edward Pope, Jr.	*Jersey City, N. J.*	57 w.
Edward Rahm	*Pittsburgh, Pa.*	56 w.
Robert Browning Rood	*Great Barrington, Mass.*	8 Lock st.
Alfred Hughes Rowe	*Fair Haven*	Fair Haven
William Bradbury Spring	*Portland, Me.*	86 Wall st.
Charles Edward Stockder, Jr.	*West Meriden*	6½ York sq.
Fred Moore Strong	*Topeka, Kansas*	38 Elm st.
Arthur Graham Thompson	*Milford*	6½ York sq.
Edwin Thorne	*Garrisons, N. Y.*	65 Whitney av.
Thomas Pearsall Thorne	*Millbrook, N. Y.*	65 Whitney av.
Walter Joy Vought	*Buffalo, N. Y.*	110 w.
Edward Loder Whittemore	*Rye, N. Y.*	143 York st.
Alfred Buckingham Willcox	*Chicago, Ill.*	106 w.
Chauncey Pratt Williams, Jr.	*Albany, N. Y.*	134 College st.
S. Lawrence Williams	*Chicago, Ill.*	86 Wall st.
Chan Lok Wing	*China*	59 Wall st.

Freshmen, 46

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Louis Norton Bail	*New Haven*	43 Park st.
Louis Asta Buruaga	*Santiago, Chili*	109 Elm st.
Frederick Burr Clemmons	*New Haven*	162 Putnam st.
Edwin James Leonard	*Davenport, Iowa*	22 Trumbull st.
Warren A. Spalding	*New Haven*	89 Church st.
Henry Roemer Stadtmueller	*New Haven*	43 Whitney av.
Louis Weld Stadtmueller	*New Haven*	43 Whitney av.

Special Students, 7

SCHOOL OF THE FINE ARTS

FACULTY

REV. NOAH PORTER, D.D., LL.D., PRESIDENT
JOHN F. WEIR, N.A., M.A., DIRECTOR
JAMES M. HOPPIN, D.D.
JOHN H. NIEMEYER, M.A.

FREDERIC R. HONEY, *Instructor in Perspective*
JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*
HARRISON W. LINDSLEY, C.E., *Instructor in Architecture*
CHARLES R. LOOMIS, *Assistant in Drawing*

STUDENTS

Cornelia F. Allen	*New Haven*
George J. Angell	*Brooklyn, N. Y.*
Emma H. Bacon	*Meriden*
Emma C. Banks	*New Haven*
Emily S. Brandegee	*Berlin*
John J. Brennan	*New Haven*
Fannie C. Burr	*Monroe*
Julia I. Coe	*New Haven*
Lily Curtis	*Stratford*
Maria B. Curtis	*Stratford*
Adeleine Louise Downer	*New Haven*
Caroline May Dunbar	*Stratford*
Sarah W. Foote	*New Haven*
Caroline Glover	*Newtown*
Frances L. Goodrich	*New Haven*
Eliza J. Harrison	*New Haven*
Mary E. Hart	*New Haven*
Gerard Hegeman	*New York City*
Emma Elizabeth Hill	*New Haven*
Annie S. Johnson	*New Haven*
Fannie May Kendrick	*Wallingford*
Frederic T. Langzettel	*New Haven*
Helen E. Leonard	*Saugatuck*

Caroline Lindsley	*New Haven*
Henry E. Manning	*New Haven*
Helen Oakford	*New Haven*
Anita Phinney	*New Haven*
Louise Powe	*Ansonia*
Frederic Remington	*Ogdensburgh, N. Y.*
Jule A. Rida	*New Haven*
Mary A. Sandford	*New Haven*
Henry O. Schmidt	*New Britain*
Howard A. Sibley	*Middletown*
Eleanor Silliman	*New Haven*
Rosalie Tomlinson	*Birmingham*
Lucy P. Trowbridge	*New Haven*
Howard Van Rensselaer	*Albany, N. Y.*
Georgene Louise Watkinson	*New Haven*
Jessia A. Wier	*New Haven*

Students in regular attendance, . .	39
Special Students, ...	47

The Freshman Class of the Sheffield Scientific School, and others not in regular attendance, are included in the summary of special students.

SUMMARY OF STUDENTS

Department of Theology - - - -		88
Department of Medicine - - - -		32
Department of Law - - - - -		74
Department of Philosophy and the Arts:		
Graduate Instruction - - -	39	
Undergraduate Academical Department	581	
Sheffield Scientific School - -	175	
School of the Fine Arts - -	39	
		834
		1028
Deduct for names inserted twice -		25
Total - - - - -		1003

GENERAL STATEMENT

The departments of Instruction in YALE COLLEGE are comprehended under four divisions, as follows:—

The Faculty of THEOLOGY;
of MEDICINE;
of LAW;
of PHILOSOPHY AND THE ARTS.

Under the last named Faculty are included, the COURSES FOR GRADUATE INSTRUCTION, the UNDERGRADUATE ACADEMICAL DEPARTMENT, the UNDERGRADUATE SECTION OF THE SHEFFIELD SCIENTIFIC SCHOOL, and the SCHOOL OF THE FINE ARTS,—each having a distinct organization.

In the particular statements which follow, the Department of Philosophy and the Arts is first given, with its subdivisions in the order named; and afterwards the three Professional Departments.

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN."

DEPARTMENT OF PHILOSOPHY AND THE ARTS

GRADUATE INSTRUCTION

Graduates of this and other Colleges, and other persons of liberal education (not less than eighteen years old), are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

An Executive Committee has a general oversight of the students in this department. The Committee this year is composed of Professors WHITNEY, NEWTON, BRUSH, and WHEELER. They receive the names of applicants for instruction, and judge and approve the courses of study proposed; and information may be obtained from them as to conditions, terms, etc. Students may also make special arrangements with any instructor according to their mutual convenience.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by work in the laboratories and with instruments.

The terms and vacations correspond with those in the Undergraduate Departments. (See Calendar, p. 4.)

The fee for instruction is generally one hundred dollars, or more or less, according to the course pursued and the amount of instruction received.

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those who, after having taken a Bachelor's degree (implying a course of undergraduate study equivalent to that pursued in the Academical Department), and having studied in this department for not less than two years, shall have passed a satisfactory final examination and presented a thesis giving evidence of high attainment in the branches of knowledge pursued. It is not given, upon examination, to those whose studies are pursued elsewhere. The requirements for it will

in some cases exact of the student more than two years of labor; especially when the course of undergraduate study has been less than four years. A good knowledge of Latin, German, and French, will be required in all cases, unless, for some exceptional reason, the candidate be excused by the Faculty. The graduating fee is ten dollars.

The courses of instruction given in the department may be grouped as follows:

1. Intellectual Philosophy; Ethics

President PORTER: Psychology; Philosophy; History of Philosophy; Ethics.

2. Political Science and History

Professor WHEELER: History of Europe, 1815–70.

Professor BREWER: Relations of Physical Geography to Political History.

Professor WALKER: Public Finance; Statistics of Industry.

Professor SUMNER: Politics and Finance in the History of the United States; Sociology; Political Economy.

Professor ROBINSON: History of Real Property; Canon Law; Parliamentary Law.

Professor DEXTER: American History.

Professor BALDWIN: Conflict of Laws; Comparative Jurisprudence.

Professor PLATT: General Jurisprudence.

Professor WOOLSEY: International Law.

Mr. A. S. WHEELER: the Institutes of Gaius and Justinian; select titles of the *Corpus Juris*; German text-books of Roman Law.

3. Philological Science; Literature

Professor THACHER and Professor H. P. WRIGHT: selected Latin authors; History of Roman Literature; Latin Composition.

Dr. J. H. TRUMBULL: the American Indian Languages, especially the dialects of the Algonkin family.

Professor WHITNEY: the general principles of Linguistic Science; the Comparative Philology of the Indo-European Languages; the Sanskrit Language.

Professor PACKARD and Professor F. D. ALLEN: critical reading of Greek authors; History of Greek Literature; Greek Historical Grammar and Dialectology, with study of inscriptions; Greek Mythology.

Professor WILLIAMS: the Chinese Language and Literature.

Mr. VAN NAME: the elements of the Japanese Language.

Professor LOUNSBURY and Professor BEERS: the Anglo-Saxon Language the early forms and literature of English.

Professor CARTER: the older Germanic Languages and Literature, including Gothic.

Professor KNAPP: Spanish; Italian; Old French and Provençal; the Russian Language.

Professor DAY: the Hebrew and other Semitic Languages.

4. Mathematics

Professor NEWTON: Calculus: Analytical Mechanics; Lunar and Planetary Theories; Higher Geometry.

Professor CLARK: Definite Integrals; Differential Equations; Analytical Mechanics; the Theory of Numerical Approximations; the Method of Least Squares.

Professor GIBBS: the Laws of Vibratory and Undulatory Motion, with especial reference to Light and Sound; the Potential Function, with its application to the theories of Electricity and Magnetism; Capillarity.

5. Physics; Chemistry; Astronomy

Professor LOOMIS: Meteorology, with especial reference to the making and reducing of observations.

Professor NORTON: Spherical Astronomy.

Professor LYMAN: the use of Meridional and other Astronomical Instruments.

Professor JOHNSON: Theoretical and Analytical Chemistry.

Professor A. W. WRIGHT: Physical Manipulation in the departments of Heat, Light, and Electricity, with practical directions as to the management of apparatus.

Professor O. D. ALLEN: Analytical Chemistry.

Professor DUBOIS: Thermodynamics.

6. Geology; Natural History

Professor J. D. DANA: Geology.

Professor BRUSH: the Analysis and Determination of Mineral species; Descriptive Mineralogy.

Professor EATON: Structural and Systematic Botany, including the North American Flora and the description of genera and species.

Professor MARSH: Palæontology; Comparative Osteology.

Professor VERRILL and Professor S. I. SMITH: Zoology.

Professor E. S. DANA: Optical Mineralogy; Crystallography.

7. Applied Science

Professor [illegible]NORTON: Applied Mechanics.

Professor [illegible]LYMAN: Astronomical Spectroscopy.

Professor [illegible]N: Agricultural Chemistry.

Professor [illegible] Agriculture; Forest Culture.

Professor [illegible]N: Metallurgy; Assaying.

Professor [illegible]amical Engineering.

8. Fine Arts

For the instruction open to Graduates in the School of the Fine Arts, see page 72.

The degree of Master of Arts is conferred on Bachelors of Arts of two years' standing or upwards, who have given to the Academical Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree.

Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the Academical Faculty, followed by an examination.

Such Bachelors of Arts of this College as may not choose to reside at the college for the prosecution of study, may show, at any time not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree.

A committee of the Faculty is appointed (consisting, for the present year, of Professors Newton and Wheeler), to whom candidates for this degree must submit their proposed courses of study by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by the first of the following June.

In the case of resident students, the charge for instruction will usually be one hundred dollars, with a fee of ten dollars for the degree. In the case of non-residents, the fee for examinations and the degree will usually be twenty-five dollars.

The degrees of Civil and Dynamic Engineer are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions, and make the requisite drawings and calculations. The fee for graduation is five dollars.

UNDERGRADUATE ACADEMICAL DEPARTMENT

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects:

Latin Grammar.

Sallust—Jugurthine war; or four books of Cæsar.

Cicero—seven Orations.

Vergil—Bucolics, Georgics, and first six books of the Æneid, including Prosody.

Arnold's Latin Prose Composition, to the Passive voice (first twelve chapters). It is suggested to teachers, in addition to the use of the work named, to connect simple exercises in making Latin, either oral or written, with all the Latin studies of their pupils throughout the preparatory course.

After 1880 there will be also an examination in Roman History; Leighton's History of Rome is suggested, as indicating the amount required.

Greek Grammar—with translation of English into Greek.

Xenophon—Anabasis, four books.

Homer—Iliad, three books, with Prosody.

Greek History.

The rules for pronunciation given in Hadley's Grammar are recommended as a guide. For Greek History, Dr. William Smith's or Fyffe's text-book, and for Greek Composition, Jones's Exercises or White's Lessons, are suggested.

Higher Arithmetic—including the metric system of weights and measures.

Algebra—so much as is included in Loomis's Treatise, up to the chapter on Logarithms.

Euclid—first two books. [The *first five* books of Davies's Legendre's Elements of Geometry, or of Loomis's Elements of Geometry, or the first two books of Chauvenet's Geometry, may be offered instead of Euclid.] In Geometry, the candidate must be prepared to draw the figures for the demonstration of propositions.

English Grammar and Geography; a thorough knowledge of which is required.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Graduates' Hall, New Haven, on the Friday and Saturday following Commencement (July 2, 3, 1880); *attendance is*

required at the beginning of the examination, at 9 A. M., *on Friday.* The examination is wholly in writing; copies of papers recently given will be sent by the Secretary on application.

In 1880 examinations for admission to the Freshman Class (but not to higher classes) will also be held in Chicago and in Cincinnati (beginning on Friday, July 2, at 9 A. M.) at a place to be announced in the local newspapers of the day previous. Candidates who propose to be present are requested to send their names to the Secretary before June 15. A fee of five dollars will be charged for admission to these examinations.

A second examination (for those who cannot attend the first) is held in New Haven at the beginning of the College year, on Tuesday and Wednesday (Sept. 14, 15, 1880); candidates for this examination must be present at Graduates' Hall at 9 A. M. on Tuesday.

Persons applying to be examined at other times must first obtain special permission from the Faculty, and pay to the Treasurer a fee of ten dollars. In general, no examinations for admission to the next Freshman Class can be held before Commencement, or during vacation.

ADVANCED STANDING—All candidates for advanced standing, *whether from other Colleges or not,* are examined, in addition to the preparatory studies, in those studies already pursued (see next page) by the class which they wish to enter. In the several languages, for the particular books studied by the Class, equivalent amounts from other books may be offered.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class (without examination and without becoming candidates for the Bachelor's degree), as candidates for the degree of Doctor of Philosophy after three years' study. (See p. 47.)

No one can be admitted to the Senior Class after the beginning of the second term.

AGE—No one can be admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission is granted, and students from other Colleges must present certificates of dismission in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the college. A blank form for this purpose will be furnished at the time of admission.

COURSE OF INSTRUCTION

THE COURSE OF INSTRUCTION occupies four years. In each year there are two terms.

The following is a scheme of the studies, or, more correctly, of equivalents which will be accepted from candidates for advanced standing:—

FRESHMAN YEAR:

FIRST TERM—*Greek*—Homer's Odyssey, begun. *Latin*—Livy, begun; Cicero's Second Philippic; Arnold's Latin Composition (to page 150). *Mathematics*—Loomis's Algebra; Todhunter's Euclid, first four books; Chauvenet's Geometry. *Hygiene*—Lectures.

SECOND TERM—*Greek*—Homer's Odyssey, continued through five books; Herodotus, continued through half of the first book; Boise's Exercises in Greek Syntax (to page 85). *Latin*—Livy, continued through one book; Cicero *de senectute*; Ovid, Ramsay's Selections; Roman Antiquities. *Mathematics*—Chauvenet's Geometry; Richards's Plane Trigonometry, first six chapters. *Rhetoric*—Recitations and Lectures. Compositions.

SOPHOMORE YEAR:

FIRST TERM—*Greek*—Six Orations of Demosthenes. *Latin*—Odes of Horace; Agricola and Germania of Tacitus. *Mathematics*—Richards's Plane and Spherical Trigonometry. *Rhetoric*—Lectures on Composition. Compositions.

SECOND TERM—*Greek*—Prometheus of Æschylus; Xenophon's Memorabilia, one book; Antigone of Sophocles; Plato's Apology of Socrates and Crito. *Latin*—Satires and Epistles of Horace; Satires of Juvenal; Cicero *de officiis*. *Mathematics*—Richards's Spherical Trigonometry; Loomis's Analytical Geometry; Mensuration, Navigation, and Surveying; Mechanics. *Rhetoric*—Lectures on Elocution, with practice. Declamations. Compositions.

JUNIOR YEAR:

FIRST TERM—*Physics*—Ganot's Physics. *German*—Whitney's Grammar and Reader; German Composition. *English*—Chaucer, Milton; Forensic Disputations. *Chemistry*—Barker's Chemistry; Lectures.

For optional studies *(Latin, Greek, Mathematics, French, Spanish, Italian, English)* see below.

SECOND TERM—*Natural Philosophy*—Ganot's Physics. Lectures. *Rhetoric*—Forensic Disputations. *German*—Whitney's Grammar and Reader; German Composition. *Astronomy*—Loomis's Astronomy. *Logic*—Jevons's Logic.

For optional studies *(Latin, Greek, Mathematics, French, Spanish, Italian, English, Anglo-Saxon, Zoology, Botany, Fine Arts)* see below.

SENIOR YEAR:

FIRST TERM—*Mental Philosophy*—Porter's Human Intellect. Lectures. *Geology*—Dana's Geology. *Political Science*—Fawcett's Political Economy. Lectures. *Rhetoric*—Compositions.

For optional studies *(Latin, Greek, French, German, Spanish, Italian, Sanskrit, Mathematics, Astronomy, Mineralogy, European History, Fine Arts)* see below.

SECOND TERM—*Natural Theology and Evidences of Christianity*—Lectures. *Moral Philosophy*—Recitations. Lectures. *History of Philosophy*—Schwegler's History. *History*—Hallam's Constitutional History. Lectures. *Evolution and Cosmogony*—Lectures. *Rhetoric*—Compositions. *Political and Social Science*—Recitations. Lectures. *International Law*—Woolsey's International Law. *Elements of Jurisprudence and American Constitutional Law*—Lectures.

For optional studies *(Philosophy, Latin, Greek, French, German, Spanish, Italian, Sanskrit, Linguistics, Mathematics, Physics, Meteorology, Geology, Palæontology, American History, Political Science, Fine Arts)* see below.

OPTIONAL STUDIES—Every student is required to have four exercises a week in an optional study, during Junior and Senior years. Change from one optional to another is allowed at the end of Junior year, and also to a new optional whenever one is begun. In cases where an optional is withdrawn before the end of the year, any of the other optionals may be chosen in its place, provided the instructor is upon examination satisfied of the student's fitness to enter the class. Any student who can on examination show thorough acquaintance, in advance, with one or more of the required studies of Junior or Senior year, may choose instead a second optional. The following courses of optional studies are provided.

I. PHILOLOGY

1. ANCIENT LANGUAGES: (*a*) GREEK, through Junior and Senior years, four exercises a week, with Professor Packard. (*b*) LATIN, through Junior and

Senior years, with Professor Thacher, four exercises a week. (*c*) LATIN and GREEK, two exercises a week in each, through Junior and Senior years, with Professors Thacher and Packard. (*d*) SANSKRIT, through Senior year, with Professor Whitney, two double exercises a week.

2. MODERN LANGUAGES AND LITERATURE: (*a*) FRENCH, through Junior and Senior years, four exercises a week, with Professor Knapp; in Junior year, French Composition, authors of the XIXth century; in Senior year, French Composition, authors of the XVIIth and XVIIIth centuries, the French language being the only medium of instruction. A thorough knowledge of the elements of the French Language is required of students who choose French as an optional study in Junior year. The examination may be passed at the time of the Sophomore annual examination, or at the beginning of Junior year, and will be upon Keetels's Elementary French Grammar, or an equivalent. (*b*) SPANISH, through Junior and Senior years, four exercises a week, with Professor Knapp; Grammar and Exercises, readings in Cervantes, Lope de Vega, and Calderon, and cotemporary literature. (*c*) ITALIAN, through Junior and Senior years, with Mr. Speranza, four exercises a week; a special fee, $30 a year, will be charged. (*d*) GERMAN, through Senior year, four exercises a week, with Professor Carter; Schiller's Die Piccolomini, Goethe's Iphigenie, selections from Goethe's Prose, Lessing's Nathan der Weise, German Composition. (*e*) ANGLO-SAXON, through the second term of Junior year, with Professor Beers, four exercises a week; Sweet's Anglo-Saxon Reader. (*f*) ENGLISH LITERATURE, through Junior year, with Professors Northrop and Beers, four exercises a week; Shakspere, Spenser, and other authors; History of the Language and Literature.

3. LINGUISTICS: Through the first half of the second term of Senior year, two exercises a week, with Professor Whitney.

II. INTELLECTUAL PHILOSOPHY

With President Porter, through the second term of Senior year, two exercises a week.

III. HISTORY AND POLITICAL SCIENCE

1. EUROPEAN HISTORY, through the first term of Senior Year, with Professor Wheeler, four exercises a week; Hallam's Middle Ages.

2. AMERICAN HISTORY, through the second term of Senior year, with Professor Dexter, two exercises a week; Eliot's History of the United States; Frothingham's Rise of the Republic.

3. POLITICAL ECONOMY, through the second term of Senior year, with Professor Sumner, two exercises a week.

IV. MATHEMATICS AND ASTRONOMY

1. MATHEMATICS, through Junior and Senior years, four exercises a week, with Professor Newton: Loomis's Calculus, followed by Analytical Mechanics or Higher Geometry.

2. ASTRONOMY, through the first term of Senior year, four exercises a week, with Professor Loomis; Loomis's Astronomy.

V. Molecular and Terrestrial Physics

1. Physics, through the second term of Senior year, two exercises a week, with Professor A. W. Wright.

2. Meteorology, through the second term of Senior year, with Professor Loomis, four exercises a week; Loomis's Meteorology.

VI. Natural Science and Geology

1. Zoology, through the second half of the second term of Junior year, four exercises a week, with Dr. J. K. Thacher.

2. Mineralogy and Mathematical Crystallography, through the first term of Senior year, with Professor E. S. Dana, four exercises a week; Dana's Text-Book.

3. Geology, through the first half of the second term of Senior year, with Professor J. D. Dana, four exercises a week; Dana's Manual.

4. Botany, through the second half of the second term of Junior year, with Professor Eaton, four exercises a week.

VII. Fine Arts

Four exercises a week, through the second term of Junior year, and through Senior year, in the School of the Fine Arts; the usual fees ($18 for three months) are payable.

Exercises in Declamation and Composition—The Senior Class have exercises in English composition, and the Junior Class in forensic disputation, through the year. The Sophomore Class during the whole year, and the Freshman Class during the latter half of the second term, have exercises in English composition.

The Sophomore Class have regular exercises in elocution; and once a week, during a part of the year, have an exercise in declamation before the Professor of Rhetoric and the members of the Class.

Public Examinations are held at the close of the first and at the middle of the second term, on the studies of the term and half-term; and, at the close of the year, on all the studies of the year. The annual examinations are conducted wholly in writing, and continue for about two weeks.

Vocal Music—Gratuitous instruction in Vocal Music is given during a part of the year (the exercises being open to members of all the Departments of the College) subject, however, to a small charge for fire and lights.

TERMS AND VACATIONS

The Public Commencement is held on the Thursday after the last Wednesday in June. The first term begins eleven weeks from Commencement-day and continues fourteen weeks; the second term begins on the second Thursday in January and

continues until Commencement-day, with a spring recess—usually of eight days—including Easter. (See Calendar, p. 4.) The exercises of each term begin with prayers in the Chapel on Thursday morning.

Leave of Absence—No student is allowed to be absent without special leave, except in the vacations

PUBLIC WORSHIP

Prayers are attended in the Battell Chapel every morning, with reading of the Scriptures and singing, and all the students are required to be present.

Public Worship is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained only on presenting to the President a written request therefor from the parent or guardian.

GYMNASIUM

The Gymnasium is designed to provide all the students with opportunities for exercise. Those who use the bath-rooms pay a small fee for tickets.

EXPENSES

The Treasurer's Bills are made out three times a year, viz., at the close of the first term, at the middle and at the close of the second term, at which times they are payable. The bills must be paid within two weeks after the beginning of the succeeding term or half-term, or the student is liable to be prohibited from reciting. Drafts on Boston, New York, and Philadelphia will be received at par.

The annual charge for tuition and incidentals is $140.

For the rent and care of a half-room in the College buildings, the average charge is thirty-five dollars per year.

Other Charges—There are additional charges at graduation, amounting to eighteen dollars. If a student occupies a room alone, the charge for rent and care is ordinarily double that stated above.

Absence on Leave—A student who is absent from College on account of sickness, or for any other cause, and still retains his place in his class, pays full tuition during such absence.

Board is obtained at prices varying from three dollars and a half to six dollars a week. The average price is about four dollars and a half.

Rooms—There are in the College buildings above two hundred rooms occupied by students, at prices varying (according to location) from $25 to $140 per year, not including vacations. Students living out of College are not allowed to room in any building in which a family does not reside, except by special permission of the Faculty.

Furniture, Books, etc.—Students provide for themselves furniture, fuel, lights, and text-books; if books and furniture are sold when the student has no further necessity for them, the expenses incurred by their use will not be great.

Necessary Expenses—The following may be considered a near estimate of the *necessary* annual expenses, for a student occupying a half-room in College, without including apparel, traveling, and board in vacations:—

Treasurer's bill (according to location of room), from	$160 to	$220
Board, 37 weeks, - - - - - - - "	130 to	220
Fuel, lights, and washing, - - - "	30 to	60
Use of text-books and furniture, - - - "	30 to	60
Total, - - - - -	$350	$560

College Guardian—As a precaution against extravagance, parents at a distance sometimes deposit funds with one of the Faculty; who, in that case, attends to the pecuniary concerns of the student, settles his bills, corresponds with the parent, and transmits an account of expenditures, for which services he charges a commission.

BENEFICIARY AID

The sum of $12,000 and upwards, derived partly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid, especially of those preparing for the Christian ministry. About one hundred thus have their tuition either wholly or in part remitted. Students needing such aid should apply to the President before November 1st in each College year. Assistance will be withdrawn from students who incur serious College censure, or who fail to maintain a reputable scholarship.

The Harmer Foundation of Scholarships comprises six scholarships, each yielding one hundred dollars a year, to be given to deserving students of small means.

There are also eighteen other Scholarships, most of them yielding sixty dollars a year, which may be given to such students as shall be selected by the founders or the Faculty.

Students who need to avail themselves of the use of the Benevolent Library are supplied gratuitously with many of the text-books used in the College course.

FELLOWSHIPS AND SCHOLARSHIPS

The Douglas Fellowship, with an income of about six hundred dollars a year, was founded in 1873 by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, Rev. Sutherland Douglas (Y. C. 1822) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of the Academical Department, pursuing non-professional studies in New Haven, is elected annually, but may not hold the fellowship for more than three years.

The Soldiers' Memorial Fellowship, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in especial remembrance of William Wheeler, of the class of 1855. The incumbent must be at the time of his election a graduate of the Academical Department, of not more than three years' standing. He shall reside in New Haven, pursuing non-professional studies, and may hold the Fellowship for a period not exceeding five years.

The Berkeley Scholarship, yielding about forty-six dollars a year, is awarded to the student in each Senior class who passes the best examination in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's Iliad, Cicero's Tusculan Questions, Tacitus (except the Annals), and Horace; provided he remain in New Haven as a graduate, one, two, or three years.

The Clark Scholarship, yielding one hundred and twenty dollars a year, is awarded in each Senior Class to the applicant who has passed the best annual examinations in the studies of the course; provided he remain in New Haven one or two

years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

The Larned Scholarship, yielding three hundred dollars a year, and tenable for three years, is awarded in each Senior Class. The incumbent must reside in New Haven, pursuing a course of advanced study subject to the direction of the Faculty.

The Bristed Scholarship, yielding about one hundred and fourteen dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior Class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

The Woolsey Scholarship, yielding sixty dollars a year, is awarded to the student in each Freshman Class, who passes the best examination in Latin composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, under certain conditions, during the four years of his College course. The student who stands second at this examination receives for one year the income of the Hurlbut Scholarship; and the student who stands third, the income for one year of the Third Freshman Scholarship. The income of each of these Scholarships is sixty dollars.

The W. W. DeForest Scholarship, yielding one hundred and twenty dollars, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he remain in New Haven the year after graduation, pursuing a further course of study in the Romance languages under the direction of the Faculty.

PREMIUMS

The DeForest Prize Medal, of the value of $100, is awarded "to that scholar of the Senior Class who shall write and pronounce an English Oration in the best manner."

The Townsend Premiums, five in number, of twelve dollars each, are awarded in the Senior Class for the best specimens of English Composition.

The Senior Mathematical Prizes (the first consisting of a gold medal of the value of ten dollars and of ten dollars in

money, the second of ten dollars in money) are offered to the Senior Class for the best solutions of problems in both abstract and concrete mathematics.

College Premiums are offered to the Senior Class for the solution of problems in Practical Astronomy.

The Winthrop Prizes (one of two hundred dollars and one of one hundred dollars) are offered to the Junior Class "for the most thorough acquaintance with the Greek and Latin poets," as shown at an examination during the latter half of the second term.

College Premiums are given in the Sophomore Class for English composition, and for declamation, and in the Sophomore and Freshman Classes for the solution of mathematical problems.

The Scott Prize for excellence in German is offered to the Senior Class, and the Scott Prize for excellence in French to the Junior Class; these prizes are of the value of thirty dollars each, and are given in books.

Berkeley Premiums for Latin Compositions are offered to the Freshman Class near the end of the year.

The John A. Porter Prize, of two hundred and fifty dollars, is offered at each Commencement for the best English Essay. Any person who has been studying for a degree in any department of the University during the entire College year may compete for this prize.

DEGREES

The degree of Bachelors of Arts is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Monday before Commencement. For the degrees of Master of Arts and Doctor of Philosophy, see pages 47, 50.

SHEFFIELD SCIENTIFIC SCHOOL

The Sheffield Scientific School is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning.

The School, begun in 1847, and reorganized upon a more extensive scale in 1860, received in 1863, by the act of the Connecticut Legislature, the national grant for the promotion of scientific education under the Congressional enactment of July, 1862. It thus became in consequence the "College of Agriculture and the Mechanic Arts" of Connecticut.

Officers and Instructors—Upon the Governing Board, consisting of the professors permanently attached to the School, devolves its internal management and the greater part of the instruction. In addition to these, and the instructors employed during the current year (mentioned on p. 38), instruction is given in Elementary and Free-hand Drawing by Professor Niemeyer, of the School of the Fine Arts.

The Board of State Visitors consists of the Governor, Lieutenant Governor, three Senior Senators, and the Secretary of the Board of Education.

The Board of Councilors, invited by the Corporation to advise and assist in the progress of the School, are as follows: Hon. J. E. English, of New Haven; Hon. M. Jewell, of Hartford; Hon. J. R. Hawley, of Hartford; Hon. O. F. Winchester, of New Haven; Joseph E. Sheffield, Esq., of New Haven; Professor J. D. Dana, of New Haven; Henry Farnam, Esq., of New Haven; M. Dwight Collier, Esq., of St. Louis; Hon. William E. Dodge, of New York City.

The instruction is intended for two classes of students:—

I.—Graduates of this or other Colleges, and other persons qualified for advanced or special study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in part linguistic and literary, for higher scientific studies, or for other occupations to which such training is suited.

INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the physical sciences and their applications, gaining in one, two or three years the degree of BACHELOR OF PHILOSOPHY, or, in two additional years of Engineering study, that of CIVIL ENGINEER or DYNAMIC ENGINEER.

Or, engaging in studies of a less exclusively practical character, they may become candidates for the degree of DOCTOR OF PHILOSOPHY, under the conditions already stated (see p. 47). The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the instructors in other departments. The list of graduate studies pursued, either wholly in the Scientific School, or conjointly with other departments, will be found on pp. 48–50.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to obtaining a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman Class.

It should be distinctly understood that these opportunities are not offered to persons who are incompetent to go on with regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

INSTRUCTION FOR UNDERGRADUATE STUDENTS

TERMS OF ADMISSION—Candidates must be not less than fifteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman Class the student must pass a thorough examination in the following subjects:

English—including grammar, spelling, and composition. In grammar, Whitney's Essentials of English Grammar, or an equivalent.
History of the United States.
Geography.

Latin—six books of Cæsar's Commentaries, or their equivalent, and simple exercises in prose composition.

Arithmetic—including the metric system of weights and measures.

Algebra—so much as is contained in Loomis's Treatise, up to the general theory of equations.

Geometry—Plane, solid, and spherical; including fundamental notions of symmetry, and examples of loci and of maxima and minima of plane figures:—an equivalent to the nine books of Chauvenet's Treatise, or to the ten books of Loomis's Elements and the Appendix, up to the section on Transversals.

Trigonometry—including the analytical theory of the trigonometrical functions, and the usual formulæ; the construction and use of trigonometrical tables; and the solution of plane triangles;—so much, for example, as is contained in Wheeler's Plane Trigonometry (Boston, 1877), or Richards's Plane Trigonometry (New York, 1878).

While no entrance examination is held in the *History of England*, candidates for admission are urgently advised to make themselves as familiar as possible with that subject; as a knowledge of it is essential to the most successful prosecution of some of the studies of the course.

Candidates will be allowed the option of passing on the above-named subjects in two successive years. In such a case they must present themselves for examination at the June examination of the first year in the following subjects or parts of subjects: *History of the United States*, *Geography*, *Arithmetic*, *Plane Geometry*, and *Algebra to Quadratic Equations*.

In order to have this preliminary examination counted, candidates must pass satisfactorily on *all* the subjects; and notice must be given of the intention to divide the examination to Professor G. J. Brush, Executive Officer of the School, on or before June 15.

In his preparation in GEOMETRY the candidate should, as far as practicable, have suitable exercises in proving simple theorems and solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulæ of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulæ to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solution of triangles. Finally, in all of his calculations, he should study the art of neat, orderly, and readily intelligible arrangement.

In Latin, in order to secure the attainment of the required proficiency, the student should have such continued training in parsing as shall make him thoroughly familiar with declensions and conjugations, and accurate and ready in the application of the rules of syntax. As an additional guarantee of the proper mastery of these grammatical elements, the requirement has been adopted of "simple exercises in prose composition." By this is meant merely, such a course of elementary exercises in translation, orally and in writing, from English into Latin as, in connection with the systematic parsing just mentioned, shall necessitate a familiarity with grammatical forms and the leading principles of syntax, and thus render the reading of the six books of Cæsar (or their equivalent) more thorough and fruitful. Since this course of elementary exercises in translation is designed as a preparation for reading, and not as a sequel to it, it should be invariably begun at the earliest stage of the study of Latin. To avoid any misapprehension of the nature of the extent of the requirement, the following works are specifically named, among which the candidate for examination may make his own selection. These are Harkness's "Introduction to Latin Composition," 112 pages; Leighton's "Latin Lessons," 91 pages; Smith's "Principia Latina," Part I.; McClintock's "First Latin Book," 83 lessons (193 pp.). Any equivalent of these may be offered from the many useful books of a similar character. A knowledge of Prosody is not required.

The examinations for admission take place at North Sheffield Hall, on Friday and Saturday, July 2, 3, and on Tuesday and Wednesday, September 14, 15, 1880. Opportunities for private examinations may, in exceptional cases, be given at other times.

In 1880 examinations (for the Freshman Class only) will also be held in Chicago and in Cincinnati (beginning on Friday, July 2, at 9 A. M.), at a place to be announced in the local newspapers of the day previous. Candidates who propose to be present are requested to send their names to Professor G. J. Brush, Executive Officer of the School, before June 15. A fee of five dollars will be charged for admission to these examinations.

Candidates for advanced standing in the undergraduate classes are examined, in addition to the preparatory studies, in those already pursued by the class they wish to enter. No one can be admitted as a candidate for a degree, later than at the beginning of the Senior year.

The Courses of Instruction, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all; for the last two years the instruction is chiefly arranged in special courses.

The special courses most distinctly marked out are the following:—

(*a.*) In Chemistry; (*b.*) In Civil Engineering;
(*c.*) In Dynamical (or Mechanical) Engineering;
(*d.*) In Agriculture; (*e.*) In Natural History;
(*f.*) In Biology preparatory to Medical Studies;
(*g.*) In studies preparatory to Mining and Metallurgy;
(*h.*) In Select studies preparatory to other higher studies.

The arrangement of the studies is indicated in the annexed scheme.

FRESHMAN YEAR—INTRODUCTORY TO ALL THE COURSES

First Term—*German* — Whitney's Grammar and Reader. *English* — Lounsbury's History of the English Language; Exercises in Composition. *Mathematics*—Analytical Geometry. *Physics*—Atkinson's Ganot, with experimental lectures. *Chemistry*—Recitations and Laboratory practice. *Elementary Drawing*—Practical Lessons in the Art School.

Second Term — *Language, Physics, and Chemistry* — as stated above. *Mathematics*—Spherical Trigonometry (Wheeler's): Elements of Mechanics. *Physical Geography* — Lectures. *Botany*—Gray's Lessons, with Lectures. *Political Economy*—Elementary Lectures. *Drawing*—Elementary Projection Drawing; Isometric Drawing; Descriptive Geometry begun.

For the Junior and Senior years the students select for themselves one of the following courses:—

(a.) IN CHEMISTRY

JUNIOR YEAR:

First Term—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's. *Laboratory Practice. Blowpipe Analysis. German. French.*

Second Term—*Laboratory Practice*—Quantitative Analysis. *Mineralogy*—Blowpipe Analysis and Determination of Species. Lectures. *French. German.*

SENIOR YEAR:

First Term—*Organic Chemistry*—Lectures and Recitations. *Agricultural Chemistry*—Recitations (optional). *Laboratory Practice*—Volumetric and Organic Analysis. *Geology* — Dana's. *Zoology* — Lectures and Excursions. *French.*

Second Term—*Laboratory Practice* — Mineral Analysis and Assaying. *Geology*—Dana's Manual. *Metallurgy* (optional). *Mineralogy* (optional). *French.*

(b.) IN CIVIL ENGINEERING

JUNIOR YEAR:

FIRST TERM — *Mathematics* — Elements of the Theory of Functions; Numerical Equations; Differential Calculus. *Surveying*—Field Operations. *Drawing*—Descriptive Geometry, continued, including Warped Surfaces. *German*. *French*.

SECOND TERM—*Mathematics* — Integral Calculus. Rational Mechanics. *Drawing*—Shadows, Perspective, and Gearing. Topographical. *Surveying* —Topographical. *German*. *French*.

SENIOR YEAR:

FIRST TERM—*Field Engineering*—Laying out Curves. Location of line of Railroad, with calculations of Excavation and Embankment. Hencks's Field Book for Railroad Engineers. *Civil Engineering*—Resistance of Materials. Bridges and Roofs, begun. Stone Cutting, with graphical problems. *Geology*—Dana's. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *French*.

SECOND TERM—*Civil Engineering*—Bridges and Roofs. Building Materials. Stability of Arches and Walls. Mahan's Civil Engineering. *Dynamics*— Principles of Mechanism. Steam Engine. *Hydraulics*—Hydraulics and Hydraulic Motors. *Drawing* — Graphical Statics. *Astronomy*—Loomis's Astronomy, with practical problems. *Mineralogy*—continued. *Geology*— Dynamic. *French*.

(c.) IN DYNAMIC ENGINEERING

JUNIOR YEAR:

FIRST TERM—*Mathematics*—Elements of the Theory of Functions; Numerical Equations; Differential Calculus. *Surveying*—Field Practice. *Drawing*—Descriptive Geometry, continued, including Warped Surfaces. *German*. *French*.

SECOND TERM—*Mathematics* — Integral Calculus. Rational Mechanics. *Kinematics*—General Theory of Motion and Principles of Mechanism; Elementary Combinations of pure Mechanism; Pulleys and Belts; Gearing and forms of teeth for wheels; Parallel Motions. *German*. *French*.

SENIOR YEAR:

FIRST TERM—*Statics*—Application of the Principles of Statics to Rigid Bodies; Elasticity and Strength of Materials; Forms of Uniform Strength; Stability of Structures; Construction of Roof Trusses, Girders, and Iron Bridges. *Machine Drawing*—Bolts and Nuts; Riveting; Journals, Axles, Shafts, Couplings, Pillow Blocks; Shaft-hangers, Pulleys; Connecting Rods and Cranks; Cross-heads; Pipe Connections; Valves; Steam Cylinders, Stuffing Boxes, Glands, etc. Shop Visits. Blowpipe Analysis. *French*.

SECOND TERM—*Hydrostatics and Hydrodynamics*—Equilibrium and Pressure of fluids; Hydrometers, Manometers, Gauges, etc.; Water Pressure Engines and Water Wheels; Construction of Water Reservoirs and Conduits; Measurement of Water Supply; Discharge of Pipes. *Thermodynamics*—General principles of Heat employed as a source of Power; Theory of the Steam Engine; Hot Air Engines; Gas Engines. *Machine Designing*—Proportioning of Machine Parts, continued. Designing of Hoisting Engines; Shearing and Pumping Engines; Complete working drawings for a high speed Steam Engine. Shop Visits and Reports. *Metallurgy.*

(d.) IN AGRICULTURE

JUNIOR YEAR:

FIRST TERM—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis*—Fresenius's. *Laboratory Practice. Blowpipe Analysis. German. French.*

SECOND TERM—*Organic Chemistry*—Lectures and Recitations. *Laboratory Practice*—Quantitative Analysis. *Mineralogy*—Blowpipe Analysis and Determination of Species. *Physical Geography*—Lectures. *Physiology*—Huxley's. *Botany*—Lectures. *French. German.*

SENIOR YEAR:

FIRST TERM—*Agriculture*—Cultivation of the Staple Crops of the Northern States. Tree Planting and Forestry. *Agricultural Chemistry*—Johnson's. *Geology*—Dana's. *Zoology. English. French.*

SECOND TERM—*Agriculture*—Laws of Heredity and Principles of Breeding. Lectures. *Geology*—Dana's. *Rural Economy*—History of Agriculture and Sketches of Husbandry in Foreign Countries. Systems of Husbandry. *Agricultural Chemistry*—Johnson's. *Geology*—Dana's. *Zoology. Botany. Microscopy. English. French.*

(e.) IN NATURAL HISTORY

(Either Geology, Mineralogy, Zoology, or Botany, may be made the principal study, some attention in each case being directed to the other three branches of Natural History.)

JUNIOR YEAR:

FIRST TERM—*Chemistry*—Qualitative Analysis. Laboratory Practice. Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Botany*—Gray's Manual; Laboratory Practice. *German. French.*

SECOND TERM—*Zoology*—Laboratory Practice. Recitations. Excursions (land and marine). *Botany*—Laboratory Practice. Excursions. *Physiology*—Huxley's. *Mineralogy*—continued. *Physical Geography. German. French.*

SENIOR YEAR:

First Term—*Geology*—Dana's. Excursions. *Zoology*—Laboratory Practice. Lectures. Recitations. Excursions. *Botany*—Herbarium Studies. Gray's Text-book. Excursions. *French.*

Second Term—*Geology*—Dana's. *Anatomy of Vertebrates*—Huxley's. *Zoology*—Laboratory Practice. Recitations. Lectures. *Botany*—Herbarium Studies, especially in the Cryptogamous Orders. Botanical Literature. Essays in Descriptive Botany. *Meteorology. French.*

Besides the regular courses of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught to prepare, arrange, and identify collections, to make dissections, to pursue original investigations, and to describe genera and species in the language of science. For these purposes, large collections in Zoology and Palæontology belonging to the College are available, as are also the private botanical collections of Professor Eaton.

(f.) IN BIOLOGY—PREPARATORY TO MEDICAL STUDIES

JUNIOR YEAR:

First Term—*Theoretical Chemistry*—Lectures and Recitations. *Qualitative Analysis* — Fresenius's. Laboratory Practice. Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *German. French.*

Second Term—*Physiology*—Huxley's, with Practical Exercises. *Toxicology*—Fresenius's. Laboratory Practice. Recitations and Lectures. *Physiological Chemistry*—Sanderson's Handbook. Recitations and Laboratory Work. *Mineralogy*—continued. *Botany*—Lectures, Practical Exercises in Phenogamous Plants, and Excursions. *German. French.*

SENIOR YEAR:

First Term—*Physiological Chemistry*—continued. *Organic Chemistry*—Lectures and Recitations. *Zoology*—Lectures. *Botany*—Practical Exercises. Lectures and Excursions. *Geology*—Dana's Manual. *French.*

Second Term—*Comparative Anatomy and Histology*—Laboratory Practice and Recitations. *Geology*—Dana's Manual. *Zoology*—Lectures. *Laws of Heredity and Breeding*—Lectures. *French.*

(g.) IN STUDIES PREPARATORY TO MINING AND METALLURGY

Young men desiring to become Mining Engineers, can pursue the regular course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of metallurgical chemistry, mineralogy, etc.

(h.) IN THE SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES

JUNIOR YEAR:

First Term—*Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Astronomy. English*—Early English. *History*—Freeman's Outlines. *French. German.*

Second Term—*Mineralogy*—Lectures. *Physical Geography*—Guyot. Lectures. *Botany*—Lectures; Excursions; Laboratory Practice. *English*—Chaucer, Bacon, Shakspere. *History*—Freeman's Outlines, with Lectures. *Political Economy*—Rogers's Manual. *German. French.*

SENIOR YEAR:

First Term—*Geology*—Recitations and Excursions. *Zoology*—Lectures and Excursions. *Linguistics*—Whitney's Life and Growth of Language. *English*—Shakspere. *History*—Constitutional History of the United States. Lectures. *Political Economy*—Lectures. *French.*

Second Term—*Geology*—continued. *Meteorology*—Lectures. *Political Economy*—Lectures. *English*—Shakspere, Milton, Dryden, Pope, and later authors. *History*—Political History of U. S. History of Europe from 1848. Lectures. *French.*

Exercises in English Composition are required during the entire course from all the students. The preparation of graduating theses is among the duties of the Senior Year.

Lectures on Military Science and Tactics are annually given by General Abbott, and other officers of the Engineer Corps of the United States Army.

The Terms and Vacations correspond with those of the Academical Department. (See Calendar, p. 4.)

Expenses—The charge for tuition for undergraduate students is $150 per year, payable, $55 at the beginning of the first and second term, and $40 at the middle of the second term. The special student of Chemistry has an additional charge of $70 per annum for chemicals and use of apparatus. He also supplies himself with gas, flasks, crucibles, etc., the cost of which should not exceed $10 per term. A fee of $5 is charged members of the Freshman Class for chemicals and materials used in their laboratory practice, and the same fee

is required from all (except Chemical students) who take practical exercises in Blowpipe Analysis and Determinative Mineralogy. A fee of $5 a term is also charged to students in the Zoological Laboratory, for materials and use of instruments. An additional charge of $5 is annually made to each student for the use of the College Reading Room and Gymnasium.

For graduate students the charge for tuition will be $100 per year.

The Fees for graduation as Bachelor of Philosophy, are $10; unless the person taking the degree is also a graduate of the Academical department, when the fee is but $5.

DEGREES

The Degree of Bachelor of Philosophy is conferred on those who have completed one of the three-year courses, and have passed the examination at its close.

Civil and Dynamic Engineer—See page 50.

Doctor of Philosophy—See page 47.

SCHOOL OF THE FINE ARTS

THE COUNCIL of this Department consists of the following *ex-officio* members :—the President of the College, the President of the National Academy of Design, the President of the New York Museum of Art, and the Director of the School, who is also the Secretary; together with four members by election, Mr. HENRY FARNAM, Mr. DONALD G. MITCHELL, Mr. EDWARD E. SALISBURY, and Mr. JOHN D. WHEELER.

THE FACULTY, on whom devolves the internal management of the School, consists of the President of the College, and the Professors whose names and departments of instruction are as follows :—JOHN F. WEIR, Professor of Painting, and Director of the School; JAMES M. HOPPIN, Professor of the History of Art; JOHN H. NIEMEYER, Professor of Drawing. Other instructors are, FREDERICK R. HONEY, in Geometry and Perspective; JOHN P. C. FOSTER, M.D., in Anatomy; HARRISON W. LINDSLEY, in Architecture; CHARLES R. LOOMIS, Assistant in Drawing.

The School has for its end the cultivation and promotion of the Arts of Design, viz.: PAINTING, SCULPTURE, and ARCHITECTURE, both in their artistic and æsthetic aims, through practice and criticism. The aim is—

1st. To provide thorough technical instruction in the Arts of Painting, Sculpture, and Architecture.

2d. To furnish an acquaintance with all branches of learning relating to the History, Theory, and Practice of Art.

The courses of instruction provided under these heads—of Practice and Criticism—may be regarded as distinct, or correlative, embracing that practical and theoretical knowledge of art which is no less desirable for the critic than for the artist.

THE COURSE OF INSTRUCTION, covering three years, is arranged as follows :

I. DEPARTMENT OF DRAWING AND PAINTING

First Year:

DRAWING—from the flat: from the antique: from the living model.
PERSPECTIVE—projection drawing: linear perspective.
ANATOMY—the skeleton: articulations: muscular system.
LECTURES—the elements of form: principles and means of art.

Second Year:

DRAWING—technical practice: studies from the living model.
PERSPECTIVE—shadows and reflections: applications and examples.
ANATOMY—the anatomy of external forms: proportions: equipoise and motion.
PAINTING—technical discipline: studies from casts and still-life.
LECTURES—on color, chiaroscuro, and composition.

Third Year:

PAINTING—technical practice: studies from the living model.
COMPOSITION—studies in color and chiaroscuro: design.
LECTURES—on the history, theory, and practice of art.

In the departments of Drawing and Painting the practice of the studio is based upon the study of the human form.

The practice in drawing is supplemented by lectures on Form and Proportion, and that in painting by lectures on Color, Chiaroscuro, and Composition.

Drawing is continued, without interruption, through the first half of the course, or until the student evinces that proficiency which will warrant advancement. Painting is continued through the remainder of the course. Students will be encouraged to remain in the School and pursue advanced studies after the three years' course is completed.

In PERSPECTIVE, instruction is given in the form of lectures; students will be required to work out the examples, or problems, and submit them for examination at the next meeting of the class. The subject has two divisions: the first is devoted to projection drawing and linear perspective; the second to shadows and reflections, with applications and problems. At the close of the course an examination is held, and the standing of the student determined.

In ANATOMY, instruction is likewise given in the form of lectures. This subject has also two divisions: the first is devoted to the bones and articulations of the skeleton, and

the muscular system; the second to the anatomy of external forms, proportions, equipoise, and motion. Students are required to draw, in detail, the parts under discussion by the lecturer, and submit the same, for examination, at the next meeting of the class. At the close of the course the relative standing of the pupils is determined by examination.

Special Students — Pupils wishing to enter the School for a short term (of not less than three months), and desiring special instruction, may enter the following classes:—Elementary; Antique; Portrait (crayon, oil, or water-colors); Sketching and Etching; Composition (embracing still-life and costume); Life (drawing or painting); Anatomy; and Perspective.

II. DEPARTMENT OF SCULPTURE

First Division:

Modeling—from casts of heads, and fragments of antique statues.
Anatomy—skeleton: articulations: muscular system.
Lectures—on form: principles of proportion.

Second Division:

Modeling—from the living model.
Anatomy—external forms: equipoise and motion.
Lectures—history of Greek Sculpture.

III. DEPARTMENT OF ARCHITECTURE

First Division:

Drawing—from the flat: from casts of Architectural ornaments: India-ink and water-color drawing.

Mathematics*—plane descriptive geometry: isometric projection: linear perspective.

Architecture—the five orders: studies of classical details: projects—doors, windows, porticoes, etc.

* Students having the requisite knowledge of mathematical subjects may omit them, but will be required to pass examinations in the subjects specified above.

Second Division :

DRAWING—Casts of architectural ornament: water colors.

MATHEMATICS — descriptive geometry, including warped surfaces and stone-cutting: resistance of materials.

ARCHITECTURE—history of architecture: the various styles: studies of details in various styles: projects—dwelling-houses, stores, public-buildings, etc.

PROJECTS will be given out once a month (or once in two months), and the finished drawings will be placed on exhibition for comparison at the end of the year. Examinations will be held, and, at the close of the course, a programme will be given for a final project and thesis.

COURSES OF LECTURES are provided in each department of instruction, in addition to the technical discipline. A course of public evening lectures is also given, during the winter, to which the students are admitted free. These lectures, on the History and Philosophy of Art, and kindred subjects, are illustrated with photographs, thrown upon a screen by the calcium light. The attendance of the students on all the lectures, with the exception of the public lectures, is obligatory.

EXHIBITIONS of the work of students are held in February and May. The last will be public, and from the comparison thus afforded, the standing of the students will be in part obtained.

PRIZES may be competed for, both in Drawing and Painting, at the close of the course; the necessary qualification includes, in drawing, an approved knowledge of perspective; and in painting, a requisite acquaintance with anatomy—as provided for by the instruction given in these branches.

DIPLOMAS are only accorded to those who remain through the full course, or pass the requisite examinations. If qualified, the student may enter advanced classes at once.

The CHARGE FOR TUITION is $36.00 for three months, *in advance;* and no student will be admitted for a shorter period. Undergraduate students, in any department of the College, are charged one-half the usual rate of tuition. Art students are admitted *free* to all the lectures delivered in the school,

whether public lectures or those in regular course; to the collections at all times; and are entitled to such privileges, under the usual restrictions, as are granted to students in the other departments of the College.

The School is open to both sexes, but no student will be admitted under fifteen years of age.

The ART LIBRARY is open at specified hours for the use of students.

The COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty paintings, dating from the 11th to the 17th centuries; the "Trumbull Gallery" of original portraits and other works, by John Trumbull, numbering fifty-four pictures; a collection of portraits and works of contemporaneous art, numbering about one hundred pictures; together with about one hundred and fifty casts and marbles, the former from many of the best productions of ancient art. The Collections are open daily for the use of students, and to the public, during the winter, from 1 to 5 P. M.; and during the summer, from 9 A. M. to 6 P. M. The proceeds of the exhibitions are applied to the purchase of material adapted to instruction, and to the incidental expenses of the School.

"Students' Season Tickets," at fifty cents each, admitting the holders to the Exhibitions throughout the year, are furnished to students of all other departments of the College.

This department is open to all who desire to avail themselves of its instructions, without restriction, save as to age and general good character. It aims to embrace a wide field of usefulness in connection with the knowledge and promotion of art, and to offer every facility to the student, both in the way of criticism and technical discipline.

The term begins October 1st and ends on the 31st of May.

All applications for admission to the School should be made through the Director. It is particularly desirable that these applications be made before October 1st.

DEPARTMENT OF THEOLOGY

THE FACULTY OF THIS DEPARTMENT consists of the President of the College, a Lecturer on Church Polity and American Church History, a Professor of Hebrew Literature and Biblical Theology, a Professor of Systematic Theology, a Professor of Homiletics and the Pastoral Charge, a Professor of Ecclesiastical History, and a Professor of Sacred Literature.

THE CONDITIONS OF ADMISSION are membership in some evangelical church, or other satisfactory evidence of Christian character, and a liberal education at some College, or, in exceptional cases, an equivalent preparation for theological studies. Students of every Christian denomination, in case they are possessed of these qualifications, are admitted.

It is expected that every student will be promptly on the ground at the beginning of the session. Rooms are assigned in the order of application, but no room will be reserved for any applicant who neglects to appear, beyond one week after the opening of the term.

THE REGULAR COURSE OF INSTRUCTION occupies three years, and is arranged in the following order:

JUNIOR YEAR:

Professor DAY will lecture on the Encyclopedia and Literature of Theology, and give instruction in Hebrew Grammar and Philology. Portions of the historical books of the Old Testament in the original will be carefully read and analyzed, and critical and exegetical dissertations presented by the class on points of special difficulty or importance.

Professor DWIGHT will give instruction in the exegetical study of the Greek New Testament. The course includes, in addition to the regular exegetical exercises, the critical investigation of the Greek text and the study of the subjects connected with the Introduction to the New Testament. Dissertations of a critical and exegetical character will, also, be prepared by the students and discussed in the presence of the class.

Professor HARRIS will lecture on Mental Philosophy with special reference to the study of Theology; also on Natural Theology, the Evidences of Christianity, and the Inspiration of the Scriptures; also, as incidental to these topics, on the various forms of Skepticism.

MIDDLE YEAR:

Professor HARRIS will lecture on Systematic Theology. This course will include a full and systematic investigation of the doctrines of Christianity, and of existing questions and controversies in respect to them. The lectures are accompanied by examinations and free discussions.

Professor FISHER will lecture on General Church History, including the following topics: an historical survey of the Old or Preparatory dispensation in its relation to Christianity; the establishment and spread of Christianity (including Missions and persecutions); Ecclesiastical Polity (including the rise and rule of the Papacy, and the Reformation); and the History of Christian Life and Worship.

Professor DAY will give instruction in Biblical Theology, with special reference to the progressive stages of Divine revelation, and the doctrinal results of the modern critical study of the Bible. He will also lecture on portions of the Hebrew Scriptures, especially the poetical and prophetical books.

Professor DWIGHT will continue to give instruction by lectures and recitations, in the exegetical study of the New Testament, especially the Pauline Epistles.

Dr. BACON will give a series of lectures on Church Polity, with special reference to the polity and discipline of the Congregational Churches.

SENIOR YEAR:

Professor BARBOUR will lecture on Sacred Rhetoric and Homiletics, and also on Pastoral Theology, including the office, qualifications, pastoral duties, and special work of the ministry; he will also take charge of the practical exercises in Preaching, and in the criticism of the style and delivery of Sermons.

Professor FISHER will lecture upon the history of Christian Doctrine and on Symbolical Theology, and students will be aided in pursuing historical investigations for themselves.

Dr. BACON will lecture on American Church History.

Professor DWIGHT will lecture on some topics of special interest connected with the different books of the New Testament.

Professor DAY will read, with those who wish to prosecute the study of Syriac, the Peshito version of the New Testament.

Optional Studies in either Year:

Professor DAY will read, free of charge, with those students who desire to become familiar with the theological literature of Germany and have made some progress in the language, some standard work in German on Christian doctrine, with critical remarks, and references to the ablest works on special topics. The grammatical study of the language may be pursued with the classes in the Sheffield Scientific School.

Professor Whitney will give instruction to those who desire it in Sanskrit.

Instruction in vocal music is given gratuitously to students who desire it.

(See p. 56.)

The following courses of lectures in the Academical Department may be attended, free of charge, provided that they do not interfere with the regular studies of the Seminary: on *Intellectual and Moral Philosophy*, by President PORTER; on *Natural Philosophy*, by Professor LOOMIS; on *Evolution and Cosmogony*, by Professor DANA; on *History*, by Professor WHEELER; on *Political and Social Science*, by Professor SUMNER. Students may also be admitted to the various courses of lectures in the Sheffield Scientific School. Those who intend to become Foreign Missionaries have the privilege of attending gratuitously the lectures in the Medical Department.

EXERCISES IN PUBLIC SPEAKING—There will be an exercise for all the classes, in the presence of the Faculty, once in two weeks, in the reading of the Scriptures and hymns, and in the delivery of sermons, or parts of sermons, or addresses. Every alternate week there will be a conference, designed to cultivate the power of *extemporaneous speaking*, in which the students will be called on to present their views on some subject selected by the Faculty. Weekly debates are also held by the students, in societies of their own.

Instruction in Elocution will be given by Mr. BAILEY, the Instructor in the Academical Department.

LICENSE to PREACH—The regular time for applying for a license is at the close of the second year's study, before which time members of the Department are not allowed to preach.

PUBLIC WORSHIP—Prayers are attended every morning in the MARQUAND Chapel, with reading of the Scriptures and singing. It is optional with the student whether to connect himself with the College Church, or with one of the City Churches; but whatever may be his decision it is hoped that he will actively engage, so far as may not be inconsistent with the prosecution of his studies, in some form of City Mission, Sabbath School, or other benevolent labor, for which constant opportunities are offered.

LIBRARIES—The Reference Library of the School, containing nearly two thousand volumes in various languages, and established through the liberality of Mr. Henry Trowbridge, of New Haven, is placed in the East Divinity Hall. It is designed to furnish the students with the standard and most recent books in every branch of theological literature and those most frequently called for in the pursuit of their studies. It is open daily for consultation, and thus takes the place, for each student, of a well selected private library.

The valuable Library of Church Music, belonging to the late Dr. Lowell Mason, has been recently given to the Department by his family. This Library, which is placed in the West Divinity Hall, and is one of the largest of the kind in the country, will be open for the use of students.

The College Library, to which the students have access without charge, contains over 90,000 volumes, and is open five hours on every secular day for consultation and for the drawing of books.

The library of the College literary societies, containing over 20,000 volumes in general literature, is accessible to theological students.

Physical Exercise—The College Gymnasium is open to the students of this department at a small charge. The harbor of New Haven affords excellent facilities for boating, to those inclined to this mode of exercise.

The Rooms in the two Divinity Halls are provided with carpets, beds, and every necessary article of furniture (except bedding). They are assigned to new students in the order of application. A few rooms have two bedrooms, attached to them, but, in general, provision is made for each student to room alone. The buildings are warmed throughout by steam, and lighted by gas. Bath-rooms are placed on every floor. The buildings are thoroughly ventilated on an approved system.

Expenses and Pecuniary Aid—Students have only to make pecuniary provision for about eight months of study annually. In the remaining four months of vacation, from May to September, they have the opportunity of engaging in Home Missionary or other labor, with remuneration for their services.

The expenses for the annual session are $2.75 to $4 a week for board; $25 to $30 for fuel and lights; and $10 a year for care of room and other incidental expenses. There is no charge for instruction, room rent, or use of Libraries.

Students whose circumstances require it, will receive $100 a year from the income of Scholarships and other funds belonging to the Department. Additional aid, generally to the amount of $100 annually, but sometimes less, is afforded by the American Education Society to its beneficiaries. In special cases additional aid toward the expenses of board will be given. These means of assistance fully cover the expenses mentioned above.

The Scholarships belonging to the Department bear respectively the names of James Hillhouse, William Leffingwell, George E. Dunham, Normand Smith, E. E. Salisbury, Thomas R. Trowbridge, Charles Atwater, Richard Borden, Samuel Holmes, Charles Nichols, Roland Mather, Noah Porter, John

DeForest, J. R. Beadle, David Root, Mary Goodman, Orin Fowler, and Edward Bull.

A Graduate Scholarship has been established in this Department, as a memorial of the late Mrs. Aurelia D. Hooker, of New Haven. It will be offered for the third time to the class entering in 1880, and will be assigned at graduation to that member of the class who shall be judged by the Faculty to have made such proficiency in his theological studies as best to qualify him for the advantages afforded by this foundation for the further prosecution of the same. The person to whom the scholarship is given will receive the annual income ($700) for two years after graduation, and will be expected to pursue a course of theological study, either as a resident at the Seminary, or in case he may prefer to do so, in Europe and Palestine.

After the close of the second year in May, students have frequent opportunities to receive remuneration for preaching in the neighboring churches.

In general it may be said, that sufficient aid will be provided for every young man who gives promise of usefulness in the ministry, to enable him, in connection with his own efforts, to complete a course of theological study.

Commencement of the Term, Vacation, etc.—The session for 1879–80 began on Thursday, Sept. 11, and will continue till the third Thursday in May, when the public Anniversary is held. The annual examination of the classes, and the meeting of the Alumni, are held in the same week. The next annual term will begin on Thursday, September 16, 1880.

By thus throwing all the vacations into one, the most favorable season of the year is secured for study, while the opportunity is given, in the four months' vacation, to engage in some form of benevolent labor, in connection with the mission efforts of the churches, or in the service of one of the benevolent societies, by which the practical experience required of the pastor, as well as pecuniary compensation, may be obtained. Should any students prefer to spend the vacation in theological reading, the Professors will counsel them in the choice of books.

The Degree of Bachelor of Divinity is conferred on all members of the Department who at the end of the Senior year pass the prescribed examination, and present an approved thesis on some topic in theology.

DEPARTMENT OF MEDICINE

The Faculty of this Department consists of the President of the College, a Professor of Chemistry and Toxicology, a Professor of Obstetrics and the Diseases of Women and Children, a Professor of Materia Medica and Therapeutics, a Professor of Histology and Pathology, a Professor of the Principles and Practice of Surgery, a Professor of Clinical Surgery, a Professor of Anatomy, a Professor of Physiology, a Professor of Ophthalmology and Otology, a Lecturer on Insanity, a Lecturer on Diseases of the Nervous System, a Lecturer on Diseases of the Throat, a Clinical Lecturer on Gynecology, and a Demonstrator of Anatomy.

The system of instruction in this department is arranged in a Graded Course, extending over three full years.

The College year extends from the first Thursday in October to the last day in June, with a vacation of two weeks in the latter part of February.

The first term for the present year begins on Thursday, October 2d, and closes on Wednesday, February 11, 1880.

The second term begins on Thursday, February 26, and closes with Commencement, July 1st, 1880.

Both these terms taken together, constitute a continuous system of instruction with separate courses of study and lectures for the three classes, into which students are divided according to their attainments.

In both terms instruction is given by lectures and recitations, so arranged and combined with practical work in the Anatomical, Chemical, Physiological, and Pathological Laboratories as may best promote the advancement of students to a thorough knowledge of Medical Science.

Requisites for Admission—All candidates for admission, excepting those who have passed an examination for admission to Yale College or some similar Institution, must present a degree in Letters or Science from a recognized college or scientific school, or pass an examination in the following subjects:

1. MATHEMATICS: Algebra, to Quadratics; Euclid, 2 books; Metric System of Weights and Measures.

2. LATIN: Translation of easy prose, or of Virgil's Æneid.

3. PHYSICS: Balfour Stewart's Elementary Physics, or any equivalent work.

These examinations will be conducted in writing. Grammar, spelling, and construction will be considered in judging of the papers. Graduates in medicine will not be required to pass this examination for admission.

Examinations in Preliminary Studies will be held at the Medical College, at 9 A. M., on the Wednesday before the first Thursday in October.

DIVISION OF STUDIES—The first year the studies are: General Chemistry,* Qualitative Analysis; Anatomy, Dissections; Histology; Physiology; Materia Medica and Therapeutics.

The second year the studies are: Histology and Pathology; Medical Chemistry and Toxicology; Anatomy, Dissections; Physiology and Embryology; Materia Medica; Therapeutics; Theory and Practice of Medicine; Obstetrics; Surgery.

The third year the studies are: Practical Histology and Pathology; Theory and Practice of Medicine; Physical Diagnosis; Clinical Medicine; Surgery; Clinical Surgery; Obstetrics; Diseases of Women and Children; Clinical Gynecology; Ophthalmology and Otology; Medical Jurisprudence; Insanity; Nervous Diseases; Diseases of the Throat.

It will be seen that the elementary branches are pursued the first year, and that they are reviewed and completed the second year. The practical branches are pursued the second year, and reviewed, continued, extended, and completed the third year.

Students who have studied elsewhere, either in any recognized Medical School, or under private preceptors of good standing, may enter an advanced class, upon passing the examinations required of those of equal grade.

CHEMISTRY—The instruction in Chemistry is given by lectures and recitations in the first term, and by laboratory work and recitations in the second term. The lectures are fully

* Students who have passed in the Undergraduate Department of Yale College, or at the Sheffield Scientific School, an examination in General Chemistry, including qualitative analysis, will be exempt from this branch, and may pursue the study of Medical Chemistry during the first year.

illustrated by experiments. Medical Chemistry, Toxicology, and Qualitative Analysis are taught at the desk and by recitations, with occasional didactic lectures. Students of the first and second years only, attend to laboratory work, but the lectures on Chemistry are open to all—being obligatory only upon the first and second year's students.

Students of the third year and special students prepared to undertake original researches in chemistry, are encouraged to do so, and are supplied with the means of investigation.

ANATOMY.—The spacious and well-appointed dissecting rooms are amply supplied with anatomical material, under the personal direction of the Demonstrator, and are open to students from November until April. The Demonstrator's ticket covers all charges for anatomical material.

PHYSIOLOGY—At the last Commencement the Corporation of Yale College filled the vacancy in the Chair of Physiology by the appointment of JAMES K. THACHER, M.D., who will give instruction in a new and spacious Laboratory, supplied with apparatus for practical work.

HISTOLOGY AND PATHOLOGY—The lectures in this course are illustrated by the daily use of an ample supply of compound achromatic microscopes, on which two sets of preparations are exhibited at every lecture. In this manner the principal microscopic structures, both natural and morbid, including urinary deposits, are seen by the students.

Advanced students are instructed in the practical use of the microscope, in the preparation and examination of natural and morbid tissues.

In addition to the lectures, pathology is also taught by a course of recitations from a text-book.

Pathological Anatomy is illustrated by a large collection of specimens and drawings, with which the Museum is supplied, and supplemented by fresh pathological specimens. Students are also expected to attend all the Autopsies made at the Morgue of the State Hospital. This large and convenient Morgue was constructed with special reference to render autopsies available for the instruction of students.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN are taught by lectures and recitations, with demonstrations of the usual surgical operations in midwifery. A gynecological clinic is held at the College every week.

Medical Jurisprudence — Several of the Professors will give lectures on Medical Jurisprudence as it is related to their respective departments of instruction.

Ophthalmology and Otology are taught throughout the year by a course of practical lectures. A weekly Clinic for diseases of the Eye and Ear affords rare facilities for advanced students to acquire knowledge of this class of diseases, and also the application of the various instruments employed in their diagnosis and treatment.

There are also special courses of instruction on Mental Disease, on Diseases of the Nervous System, and on Diseases of the Throat.

The State Hospital, containing over a hundred beds, constantly affords, in its spacious wards, ample material for the illustration of disease, and furnishes frequent opportunities for the performance of all the minor and capital surgical operations.

Clinics are held at the College on five days in every week, in General Surgery, General Medicine, Diseases of the Eye and Ear, Diseases of Women, and Diseases of the Throat. These are further supplemented by the facilities afforded by the New Haven Dispensary and the Clinics which are held once or twice every week at the State Hospital. In connection with the Clinics, students are made thoroughly conversant with the special methods of the expert practitioner, by having exhibited to them from day to day all the recent advances attained in physical explorations, special manipulations, and the enlightened employment of remedies. All kinds of surgical operations are performed in the presence of the students, and every endeavor is made to familiarize them with the use of all instruments and surgical appliances. Students in the Middle and Senior classes receive free tickets to the Dispensary and are instructed in the diagnosis and treatment of special diseases.

Museums and Libraries—The Museum contains a large collection of natural and morbid specimens, numerous casts, plates and models of elegant execution, and an extensive Cabinet of Materia Medica, all of which are made practically useful in illustrating the subjects taught. The Libraries of the University and the ample Cabinets of Mineralogy, Geology, Palæontology, Osteology and Zoology, are also open for the instruction of students.

Comparative Anatomy, Zoology, and other Departments collateral to Medical Studies—Special advantages are offered to Medical students for the pursuit of Zoology, Comparative Anatomy, Botany, and other cognate studies, under distinguished teachers, in connection with the Sheffield Scientific School.

Requirements for a Degree—Every candidate must be twenty-one years of age, and of good moral character; must have spent at least one continuous year at this School, and have passed the required examinations in all the studies of the three years course.

No theses are required for graduation; but theses or monographs embodying results of original research, and of marked excellence, will be honorably mentioned, and may be commended for publication in the transactions of the Connecticut Medical Society or elsewhere.

Examinations—The Board of Examiners consists of the Faculty, and an equal number of the members of the Connecticut Medical Society appointed by the President and Fellows of the same. The President of the Society is *ex-officio* President of the Board.

Examinations, chiefly in writing, will be held at the end of each year to determine the standing of students with reference to their advancement to the studies of the succeeding year.

Final examinations in the elementary branches will be held at the end of the second year of study, and in the practical branches of medicine at the close of the third year.

Candidates for final examination must notify the Dean in writing of their intention, not less than one month prior to the time when the examination is to be held.

No student can receive his degree, until he has passed a satisfactory examination in all the subjects named in the annual announcements of the year of his connection with the College.

FEES AND EXPENSES

Matriculation Fee (annually),	$5.00
Tuition Fee, for one year,	200.00
Incidentals of Laboratory,	10.00
Demonstrator's Ticket, including material,	10.00
Graduation Fee,	30.00

If the annual tuition fee is paid in two payments, $120 must be paid for the first term of attendance, and $80 for the second. Students who have attended and paid for two full years, will be entitled to attend the third year for $100; if in two payments, $60 for the first term and $40 for the second.

Bond—Students who do not pay in advance are required to give a bond to the Treasurer of Yale College for three hundred dollars, executed by two satisfactory bondsmen: a blank for this bond will be furnished on application to the Dean of the Faculty. Those who deposit such bond will receive term bills shortly before the end of each term, to be paid on or before the beginning of the next succeeding term, and students who deposit bonds must notify the Dean of their intention to withdraw from the College and must pay all arrearages before they can receive back their bonds from the Treasurer. No degree can be conferred until all term bills are discharged.

DEPARTMENT OF LAW

The Faculty of this Department consists of the President of the College, a Professor of Mercantile Law and Evidence, a Professor of Elementary and Criminal Law and the Law of Real Property, a Professor of Constitutional Law, Contracts, and Wills, a Professor of the Law of Torts and Equity Jurisprudence, and a Professor of International Law. Lectures are also delivered by Rev. Leonard Bacon, D.D., LL.D., on Ecclesiastical Law, Hon. Origen S. Seymour, LL.D., on Judicial Procedure and Practice, Hon. LaFayette S. Foster, LL.D., on Parliamentary Law and Methods of Legislation, Professor Wayland on English Constitutional Law and History, Professor Robinson on Forensic Oratory, the Origin of Law, and the Administration of Estates, Mark Bailey, M.A., on Forensic Elocution, Professor Baldwin on Roman Law, Professor Platt on General Jurisprudence, and Frederic H. Betts, M.A., on Patent Law.

Terms and Vacations—There are three terms in each year: the Fall Term, beginning on the last Thursday of September and continuing to the Thursday before Christmas; the Winter Term, beginning in January, after a vacation of three weeks, and closing the last Thursday of March; and the Spring Term, beginning on the second Thursday of April and continuing until Commencement. (See Calendar, p. 4.)

COURSE OF INSTRUCTION

UNDERGRADUATE COURSE

The Undergraduate Course occupies two years, the students being divided into two classes, for each of which a special course of study is provided. The daily exercises consist of lectures and recitations from standard text-books, the latter being accompanied by oral explanations. The students are frequently referred to the leading cases on the subject under consideration, and are required to be prepared for questions upon them at the next exercise; they are also encouraged to put questions freely to the instructor at all recitations. Moot

Courts are regularly held, at which one of the professors acts as judge. The students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be.

Members of either Class can attend the lectures of Professors to undergraduates in other Departments of the College, whenever it is compatible with their other engagements; and, with a few exceptions only, without charge. They can also attend one or more of the special courses of graduate instruction in the Department of Philosophy and the Arts, or the lectures on Medical Jurisprudence, Anatomy, Insanity, etc., in the Department of Medicine, on payment of a moderate fee.

The regular course of study is as follows:

JUNIOR YEAR:

FALL TERM—Recitations: Elementary Law, Prof. Robinson; Contracts, Prof. Baldwin; Pleading, Prof. Robinson; International Law, Prof. Woolsey. Lectures: Nature and History of American Law, and Wills, Prof. Baldwin.

WINTER TERM—Recitations: Contracts, Professors Robinson and Baldwin; Evidence, Prof. Wayland; Torts, Prof. Platt. Lectures: Wills, Prof. Baldwin; Forensic Oratory, Prof. Robinson.

SPRING TERM—Recitations: Contracts, Professors Robinson and Baldwin; Pleading, Prof. Platt; Mercantile Law, and Evidence, Prof. Wayland; Real Property, Prof. Robinson. Lectures: English Constitutional Law, Prof. Wayland; Origin of Law, Prof. Robinson; Forensic Elocution, Mr. Bailey.

SENIOR YEAR:

FALL TERM—Recitations: Real Property, Prof. Robinson; Equity, Prof. Platt; Contracts, Prof. Baldwin. Lectures: International Law, Prof. Woolsey; American Constitutional Law, Prof. Baldwin.

WINTER TERM—Recitations: Contracts, Prof. Baldwin; Private Corporations, Prof. Robinson; Equity, Prof. Platt; Real Property, Prof. Robinson. Lectures: American Constitutional Law, Prof. Baldwin; Judicial Procedure, Judge Seymour.

SPRING TERM—Recitations: Corporations, Criminal Law, and Estates, Prof. Robinson. Lectures: Parliamentary Law, and Methods of Legislation, Judge Foster; Roman Law, and Practice, Prof. Baldwin; Patents, Mr. Betts; Ecclesiastical Law, Dr. Bacon.

Any one or more of these studies may be pursued by those who do not intend to engage in the practice of the Law, but wish to obtain a knowledge of its principles to complete their education, or with reference to mercantile pursuits.

The principal text-books used are, in Junior year, Robinson's Notes on Elementary Law, Blackstone's Commentaries, Cooley on Torts, Parsons on Contracts, Stephen on Pleading, Woolsey's Introduction to the Study of International Law, Greenleaf on Evidence, vol. i, and Washburn on Real Property; in Senior year, Parsons on Contracts, Story on Equity Jurisprudence, Angell and Ames on Private Corporations, and Washburn on Real Property.

Students are also recommended to read during their course the following works, in connection with their regular exercises: Kent's Commentaries, Smith's Leading Cases, Hadley's Roman Law, and Cooley on Constitutional Limitations.

At the close of the Spring Term, each Class is subjected to a written examination on the studies of the preceding year.

Terms of Admission—Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character. No student who has not taken a degree from some collegiate institution, will be admitted as a candidate for a degree, until he has passed a satisfactory examination on the outlines of the History of England, and of the United States, and the text of the Constitution of the United States. This will be conducted in writing, and the style of the composition and orthography in the answers, as written, must be such as to evince a competent knowledge of English Grammar.

To entitle a person to admission to advanced standing as a member of the Senior Class, he must be at least nineteen years of age; must, if a college graduate, have studied law under a competent instructor for at least one year, or at the law school of some college or university for at least six months; must, if not a college graduate, have studied law under a competent instructor for at least two years, or at a law school for at least one year; and must pass such examination as is required for those entering the Senior Class in the regular course, and also (unless a college graduate) such an examination as is required of applicants for admission to the Junior Class. Attorneys at law of any State are entitled to admission to the Senior Class, without examination, on the exhibition of their certificates of admission to the bar.

While time spent at another law school will be reckoned, to the extent above mentioned, as equivalent to an equal length of time in this school, on the part of those applying for admission to advanced standing, it will be

observed that the same examination is required in such cases as in all others.

Applicants for admission to advanced standing who have received a collegiate degree, or have passed the preliminary examination in English studies specified above, may either attend the regular annual Junior examination, which begins the second week before Commencement, or pass a special examination beginning on the first Saturday of the Fall Term, or on the last Thursday of February, at which it will be sufficient if they are prepared to be questioned on Kent's Commentaries, lectures 1 to 9 inclusive, 14 to 18 inclusive, and 20, 21, 60, 62, and 68; Parsons on Contracts, excepting only from vol. i, pages 9 to 40 and 217 to 233, and from vol. ii, pages 1 to 32 and 258 to 614; Blackstone's Commentaries, Robinson's Notes on Elementary Law, Stephen on Pleading (except book 4), Greenleaf on Evidence, vol. i, Woolsey's Introduction to the Study of International Law, and Cooley on Torts.

Special students, not candidates for a degree, will be admitted to any of the exercises of the School, without examination.

GRADUATE COURSE

The Graduate Course occupies two years, and is open to graduates from any Law School, having the degree of LL.B., under the conditions specified on p. 94. The vacations are the same as those in the Undergraduate Course in this department. The degree of Master of Law (M.L.) will be conferred upon examination at the close of the first year, and that of Doctor of Civil Law (D.C.L.) at the end of the second year. The curriculum for the first year is particularly designed to supplement that of the Undergraduate Course by affording further instruction in the branches there pursued; that of the second year is designed to meet the wants of those who aim at acquiring a thorough acquaintance with jurisprudence and its affiliated studies, as a means of completing their education, without confining themselves to such topics as are of the first necessity to the practicing lawyer.

The arrangement of the course is as follows:

FIRST YEAR:

Admiralty Law, and Patents, Prof. Robinson; Practice in the U. S. Courts, Railroad Law, and American Constitutional History, Prof. Baldwin; Municipal Corporations, and Practice in States having a Code of Civil Procedure, Prof. Platt; Political History and Science, Prof. Sumner, or English Constitutional History, Prof. A. M. Wheeler; International Law, Prof. Woolsey.

SECOND YEAR:

Parliamentary Law, History of the Law of Real Property, and Canon Law, Prof. Robinson; Comparative Jurisprudence, and Conflict of Laws, Prof. Baldwin; General Jurisprudence, Prof. Platt; Roman Law, Mr. A. S. Wheeler; Relations of Physical Geography to Political History, Prof. Brewer; Political and Social Science, Prof. Sumner, or Political Economy, Prof. Walker.

Among the principal text-books used are Parsons on Shipping and Admiralty, Curtis on Patents, Desty's Federal Procedure, Pierce on American Railroad Law, Austin on Jurisprudence, Dillon on Municipal Corporations, Pomeroy's Remedies and Remedial Rights, the Commentaries of Gaius, Institutes of Justinian, selected titles of the Pandects, the Code Napoleon, Cushing's Parliamentary Law, and Wharton on Private International Law.

There will be regular exercises for those pursuing each year of the graduate course, the preparation for which, with the collateral course of reading which will be prescribed for each, the composition of the graduating thesis, etc., will be such as to occupy the working time of the students through the year.

A knowledge of Latin will be necessary for those pursuing the studies of the last year of the course, but will not be indispensable for candidates for the degree of M.L.

EXAMINATIONS—There will be preliminary examinations of candidates for admission to the Junior Class at the opening of the Fall Term, and at no other time.

Candidates for admission to the Senior Class will be examined as above, at the end of the Spring Term, or beginning of the Fall Term.

Seniors will be examined for a degree, only at the close of the Spring Term; or on the last Thursday of February, when their prescribed period of study shall mature at that time.

Examinations for degrees in the Graduate Course will be held at the close of the Spring Term.

Every candidate for each degree, both in the Undergraduate and Graduate Courses, must also submit a written thesis on a given legal topic, which must be approved by the Faculty.

Library—The special Library of the Department, which has a permanent endowment for its support (the English Fund),* contains over eight thousand volumes, comprising a complete collection of the English, American, and Irish Reports of Judicial decisions, and an extensive collection of text-books, and works on jurisprudence and political history and philosophy. The consulting room is also supplied with the leading legal periodicals. The Library is open daily, during the term time, from 8 A. M. to 12:45 P. M., and from 2 to 5:45 P. M. (with the exception of Saturday afternoon). During vacation it is not opened until 9 A. M.

The students can also draw books without charge from the general University libraries, containing over 100,000 volumes.

Prizes are annually awarded as follows:

The Townsend Prize,† of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration or thesis at his graduation, at the public anniversary exercises of the Department, on the day before Commencement.

The Jewell Prize,‡ of fifty dollars, to that member of the Senior Class who receives the highest marks at the final examination of his class, at their graduation.

The Betts Prize,§ of fifty dollars, to that member of the Junior class who receives the highest marks at his annual examination.

Building, and Facilities for Observing Practice—The School occupies an entire story of the Court House of New Haven County, having upon the same floor a lecture room accommodating two hundred students, a large library hall, a Moot Court room, an instructors' room, and other apartments furnishing every needed convenience for Law clubs and debating societies.

Two terms of the Supreme Court of Errors of Connecticut

* Established by Hon. James E. English, M.A., in 1873.

† Established by Hon. James M. Townsend, in 1874.

‡ Established by Hon. Marshall Jewell, M.A., in 1871.

§ Established by Frederic H. Betts, M.A., in 1875.

one term of the United States Circuit Court, and two terms of the United States District Court, are held annually in New Haven; and the Superior Court and Court of Common Pleas, the principal *nisi prius* Courts of the State, are also in session almost daily, during each of the Law School terms.

GYMNASIUM—The College gymnasium is open to members of the Law Department on payment of moderate fees.

DEGREES—In the Undergraduate Course the degree of Bachelor of Laws will be conferred by the Corporation, upon the recommendation of the Faculty of the Department, based on a satisfactory examination and the submission of a satisfactory thesis, on the following persons:

1st. Attorneys at Law, who have been members of the Department for one year after their admission to the Bar.

2d. Any students who have been members of the Department for not less than two years, and who passed satisfactorily the Junior Examination at the end of their first year.

3d. Students who have received the degree of Bachelor or Doctor in any of the Arts or Sciences from any incorporated College or University, and have subsequently been members of this Department for not less than eighteen months, and who passed satisfactorily an examination at the end of their first six or twelve months, on all the studies of the Junior year.

4th. Students who have been admitted to advanced standing as members of the Senior Class, and have remained in that Class for not less than one year.

The examination for the degree is conducted under the supervision of an examining committee, appointed by the Superior Court, and the successful candidates, if twenty-one years of age, are thereupon admitted to the Connecticut Bar.

In the Graduate Course the degree of Master of Law (M.L.) will be conferred by the Corporation, on the recommendation of the Faculty of the Department, on persons, who, after having taken the degree of Bachelor of Laws, at this or any other Law School, pursue, during at least one year, such a course of advanced studies as the Faculty may direct.

Bachelors of Laws, who also have the degree of Bachelor of Arts or of Philosophy, or who, having the degree of LL.B. from this College, ranked among the first quarter of their class in scholarship, according to their average marks at their

final examination for that degree, may, after having taken the degree of M.L., apply for that of Doctor of Civil Law (D.C.L.). All applicants for the latter degree must have a good knowledge of Latin, and also of either the French or German language. The course of instruction extends over one year after taking the master's degree, and the Faculty will recommend no one for the degree of D.C.L., who has not attained a high standard of proficiency in the studies pursued.

Neither degree will be conferred, except upon candidates who pursue their studies at New Haven under the direction of the Faculty, pass with credit a strict final examination, and present a satisfactory thesis.

Expenses—The fees for tuition and use of the Library in the Undergraduate Course are $45 for the Fall Term, $35 for the Winter Term, and $35 for the Spring Term, or $100 for the entire year, and in the Graduate Course, $50 for the Fall Term, $40 for the Winter Term, and $40 for the Spring Term, or $125 for each year; to be paid to the Treasurer of the College in advance, or secured by a bond satisfactory to him. Where payment is not made in advance, interest will be added. Candidates for a degree who pursue their studies beyond the minimum period of attendance required, before applying for examination, will be charged only half these rates for their subsequent tuition. The diploma fee is $5, and the Court fees for admission to the Bar are $8. A further fee of $5 is chargeable for admission to practice in the United States Courts for the District of Connecticut, if this is also desired. The tuition charges for special students, not candidates for a degree, vary in proportion to the amount of instruction and supervision required, but will never exceed those made in the regular course.

Board and lodgings can be obtained at prices ranging from $5 a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty.

PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR JAMES D. DANA, PH.D., LL.D., *Chairman*
HIS EXCELLENCY CHARLES B. ANDREWS, LL.D., *ex-officio*
THE HONORABLE ROBERT C. WINTHROP, LL.D.
PROFESSOR BENJAMIN SILLIMAN, M.D.
PROFESSOR GEORGE J. BRUSH, M.A., *Treasurer*
PROFESSOR OTHNIEL C. MARSH, M.A.
GEORGE PEABODY WETMORE, M.A.

CURATORS

OTHNIEL C. MARSH, M.A. *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

The gift of the Founder, GEORGE PEABODY, of London, was committed to the Board of Trustees, in 1866, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy in connection with Yale College." Of the entire gift ($150,000), $100,000 was devoted by the donor to the erection, on land given for the purpose by the President and Fellows of the College, of a fire-proof building, planned with special reference to subsequent enlargement. Of the remainder of the gift, the sum of $20,000 is set apart as a reserve fund for the completion of the building, and the income of $30,000 is available for the care of the Museum and the increase of its collections.

By the accumulations from investment of the original building-fund, the first wing of the Museum is now completed, at a cost of about $140,000, or, with cases, $175,000.

The basement will be used for exhibiting the collection of fossil footprints from the Connecticut valley, and for work and storerooms. The first story contains the Mineralogical Collection, and rooms for instruction in Mineralogy, as well as the general lecture room. The second story is entirely devoted to Geology, and the third to Zoology. The fourth is used for the collection in Archæology and Ethnology, and for storerooms.

So far as the collections are arranged, the Museum is open to students and the public every day in term-time.

LIBRARIES

The College Library numbers about 93,000 volumes, besides many thousand unbound pamphlets. It is designed for the use of the College officers, resident graduates, and the students of the various departments. Other persons may have the privilege of consulting the Library and drawing books, by permission of the Library Committee. The Library is open daily in term-time from 9½ A. M. to 1 P. M., and from 2½ to 5 P. M. (or, during the winter months, to 4½ P. M.)

In the same building is the Linonian and Brothers Library, designed primarily for the use of the undergraduate students, and containing over 20,000 volumes. This Library is open daily, from 1½ to 2½ P. M.; on Wednesdays and Saturdays from 10 A. M. to 12 M. and from 1½ to 4 P. M.

The departments of Theology, of Medicine, and of Law, the Sheffield Scientific School, and the School of the Fine Arts, have each a special Library, accessible to the students of those schools respectively.

The Library of the American Oriental Society, numbering about 3,500 printed books and manuscripts, is kept in the College Library building.

SUMMARY

College Library (exclusive of pamphlets), about -	93,000 vols.
Linonian and Brothers Library, about - - -	22,000 "
Libraries of the Professional Schools, about - -	18,000 "
	133,000

APPENDIX

APPOINTMENTS FOR COMMENCEMENT,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, JUNE 26, 1879

ORATIONS

LLOYD WHEATON BOWERS, Valedictory Oration, *Elizabeth, N. J.*
MALCOLM MCIVOR MCKENZIE, Salutatory Oration, *New Haven*
HENRY JAMES TENEYCK, Philosophical Oration, *Albany, N. Y.*
AARON VANSCHAICK COCHRANE, Philosophical Oration, *Coxsackie, N. Y.*
JOHN MILTON FOX, Philosophical Oration, *Salem*

Edward McA. Noyes, *Woodbury*
Louis L. Stanton, *New York City*
Ernest Carter, *Chicago, Ill.*
Ivan M. Marty, *Kansas City, Mo.*
Ambrose Tighe, *Brooklyn, N. Y.*
Lucien F. Burpee, *Rockville*
Louis N. Booth, *Bridgeport*
Otis H. Waldo, *Milwaukee, Wisc.*

Samuel M. Foster, *Newburgh, N. Y.*
John V. Farwell, Jr., *Chicago, Ill.*
Alpheus H. Snow, *Hartford*
Albert W. Shaw, *Buffalo, N. Y.*
George W. Kirchwey, *Albany, N. Y.*
Henry C. Crouch, *Kingston, N. Y.*
James W. Eaton, *Albany, N. Y.*
Frederic A. Stokes, *Detroit, Mich.*
Frank W. Marsh, *New Milford*
Thomas B. Marston, *Chicago, Ill.*
Frederic T. Simpson, *Bath, Me.*
John L. Franklin, *New Haven*
Robert R. Griswold, *Binghamton, N. Y.*
Charles Miller, *Williston, Vt.*
Willis E. Story, *Milwaukee, Wisc.*

DISSERTATIONS

Ralph Barker, *New York City*
Henry Maltzberger, *Reading, Pa.*
Isaac Peck, *Flushing, N. Y.*
Henry H. McNair, *Lima, N. Y.*
Howard D. Newton, *Norwich, N. Y.*
Thomas E. Rochfort, *New Haven*
Henry Hitchcock, *St. Louis, Mo.*
Charles H. Livermore, *Fair Haven*
Edgar B. Nichols, *Easton*
George D. Watrous, *New Haven*

DISPUTES

David Fleischman, *Albany, N. Y.*
Louis Howland, *Indianapolis, Ind.*
John G. C. Sonn, *Newark, N. J.*
Lorenzo C. Brooks, *Chicago, Ill.*
John J. Hill, *Pittsburgh, Pa.*
Louis DuP. Syle, *Baltimore, Md.*
John T. Wentworth, *Racine, Wisc.*
Harry K. Willard, *Washington, D. C.*
George D. Munson, *Wallingford*
Samuel P. Willard, *Colchester*
Frank E. Hyde, *Hartford*

Augustus S. Carrier, *Erie, Pa.*
George F. Foster, *Gd. Rapids, Mich.*
Walter B. James, *Baltimore, Md.*
Charles B. Peck, *Bridgeport*
Delavan S. Sweet, *Phœnix, N. Y.*
Samuel A. Kimball, *Bath, Me.*
Gilbert D. Lamb, *Franklin*
Mardon D. Wilson, *Philadelphia, Pa.*
Frank Jones, *Kansas, Mo.*
Charles H. Leete, *Potsdam, N. Y.*
Henry A. Bushnell, *Old Saybrook*
Amos L. Hatheway, *Willimantic*
William C. Merritt, *Oakland, Cal.*

COLLOQUIES

Edward A. Bowers, *New Haven*
Elisha B. Joyce, *New York City*
William G. Seeley, *Brooklyn, N. Y.*
Robert H. Munson, *Williamsport, Pa.*
George M. Kimball, *Concord, N. H.*
William W. Bailey, *New Haven*
Howard W. Hayes, *Newark, N. J.*
Lewis H. Hyde, *Norwich*
George W. F. Smith, *Potsdam, N. Y.*

Edward S. Fowler, *Cambridge, Mass.*
George L. Lewis, *Buffalo, N. Y.*
Charles L. Merriam, *West Meriden*
Henry S. Green, *New Milford*
Lewis A. Platt, *Waterbury*
John O. Perrin, *LaFayette, Ind.*
Edward Southworth, *W. Springf'ld, Ms.*
Charles F. Aldrich, *Worcester, Ms.*
John W. Shepard, *Hartford*
Thomas R. Barnum, *New Haven*
William H. Smith, *Brooklyn, N. Y.*
George S. Linde, *New Haven*
Charles R. Pence, *Peru, Ind.*

The graduating Class numbered one hundred and thirty-one.

APPOINTMENTS FOR JUNIOR EXHIBITION,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, APRIL 3, 1879

ORATIONS

WILLIAM M. HALL, *Ashfield, Mass.*
FRANK W. HOPKINS, *Cincinnati, O.*
ALFRED B. NICHOLS, *New Haven*
DICKINSON W. RICHARDS, *Litchfield*

John A. Amundson, *Rochester, Minn.*
Edward M. Bentley, *Ellenville, N. Y.*
Walter H. Buell, *Madison*
John E. Bushnell, *Old Saybrook*
Frank Goodrich, *Auburn, N. Y.*
Edmund F. Green, *Oakland, Cal.*
Frederick S. Morrison, *Holyoke, Mass.*
William H. Sherman, *Providence, R. I.*
Frederic M. Smith, *Hartford*
Grant A. Smith, *Milwaukee, Wisc.*
Arthur E. Walradt, *Chester, Mass.*
Wilson C. Wheeler, *New Haven*
Heman C. Whittlesey, *Newington*

William L. Allen, *Brooklyn, N. Y.*
William R. Barbour, *New Haven*
Frederic W. Keator, *Moline, Ill.*
James E. Newcomb, *New London*
Edward P. Noyes, *Wilmington, Mass.*
Charles H. Richardson, *Groton, Mass.*
Doremus Scudder, *Brooklyn, N. Y.*
Robert W. Selden, *Brandon, Vt.*
Edward C. Spencer, *St. Paul, Minn.*
Harry W. Taft, *Cincinnati, O.*

DISSERTATIONS

William R. Innis, *Poughkeepsie, N. Y.*
Sidney C. Partridge, *Brooklyn, N. Y.*
William A. Peters, *Wilkes Barre, Pa.*
Samuel S. Sewall, *Bath, Me.*
Max Stern, *Hartford*
David C. Wells, *Fayetteville, N. Y.*

DISPUTES

John D. Bassett, *New Haven*
Preston King, *Minneapolis, Minn.*
Edward W. Knevals, *New York City*
Thomas R. Morrow, *Hartford*
Henry C. Ordway, *Hampstead, N. H.*
LeRoy B. Peckham, *Lebanon*
Smith F. Phillips, *East Chatham, N. Y.*
Henry Trowbridge, *New Haven*
Wirt D. Walker, *Chicago, Ill.*
Edwin C. Ward, *Farmington*
James H. Watson, *Brooklyn, N. Y.*

Donald Y. Campbell, *Oakland, Cal.*
Elias W. Davis, *Worcester, Mass.*
Arthur C. Dill, *New Haven*
William R. Purple, *Springfield, Mass.*
George D. White, *New York City*

COLLOQUIES

Frank W. Booth, *Bennington, Vt.*
Walter C. Camp, *New Haven*
William G. Daggett, *New Haven*
Edwin C. M. Hall, *Fair Haven*
Samuel W. Lambert, *New York City*
Wilson C. McHenry, *Baltimore, Md.*
Robert DeL. Martin, *Tiffin, O.*
Alphonso P. Sawyer, *Millbury, Mass.*
Charles L. Sherman, *Castleton, Vt.*
Frank O. Spencer, *Cleveland, O.*
Lawrence Wilkinson, *Greenwich*
Charles P. Wurts, *New Haven*

Wilmore Anway, *Florida, N. Y.*
Frank H. Ayer, *Nashua, N. H.*
Asa J. Farwell, *Hartford*
Charles W. Haines, *Colchester*
William T. Haviland, *Bridgeport*
John P. Helfenstein, *Shamokin, Pa.*
John T. Hubbard, *Litchfield*
Charles N. Ransom, *Colchester*
John F. Shepley, *St. Louis, Mo.*
TenEyck Wendell, *Cazenovia, N. Y.*
John F. Woodhull, *Groton*

HOLDERS OF FELLOWSHIPS, ACADEMICAL DEPARTMENT

Douglas Fellow—Charles Miller, B.A., Class of 1879

Soldiers' Memorial Fellow—Lloyd W. Bowers, B.A., Class of 1879

SCHOLARS OF THE HOUSE, ACADEMICAL DEPARTMENT

Larned Scholar—Class of 1877—Alexander M. Wilcox, B.A.

Larned Scholar—Class of 1878—William E. Waters, B.A.

Clark Scholar—Class of 1878—William E. Waters, B.A.

Larned Scholar—Class of 1879—Albert W. Shaw, B.A.

Clark Scholar—Class of 1879—Albert W. Shaw, B.A.

W. W. DeForest Scholar—Class of 1879—Edward M. Noyes, B.A.

Bristed Scholar—Class of 1881—Adrian S. Van de Graaff

Woolsey Scholar—Class of 1880—William M. Hall

Woolsey Scholar—Class of 1881—Philip G. Bartlett

Woolsey Scholar—Class of 1882—Benjamin Brewster

PREMIUMS AWARDED DURING THE YEAR 1878-79

UNIVERSITY PRIZE

John A. Porter Prize—Edward D. Robbins, B.A., of the Class of 1879, Department of Law

Committee of Award: Professor James M. Hoppin, D.D., Yale College
Hon. Charles R. Ingersoll, LL.D., New Haven
Rev. Isbon T. Beckwith, Ph.D., Yale College

ACADEMICAL DEPARTMENT

Larned Scholarship—Class of 1878—William E. Waters, B.A.

Larned Scholarship—Class of 1879—Albert W. Shaw

Clark Scholarship—Class of 1879—Louis D. Syle

Clark Scholarship—Class of 1879—Albert W. Shaw

W. W. DeForest Scholarship—Class of 1879—Edward M. Noyes

Bristed Scholarship—Class of 1881—Adrian S. Van de Graaff

Woolsey Scholarship—Class of 1882—Benjamin Brewster

Hurlbut Scholarship—Class of 1882—John L. Wells

Third Freshman Scholarship—Class of 1882—William L. Littlehales

DeForest Medal—Class of 1879—Louis J. Swinburne

Townsend Premiums for English Composition—Class of 1879—Lucien F. Burpee, Samuel M. Foster, George W. Kirchwey, Louis D. Syle, Ambrose Tighe

Senior Mathematical Prize—Class of 1879—1st Prize, with medal, Henry C. Crouch

Premium for solution of Astronomical Problems—Class of 1879—1st Prize, John M. Fox

Scott Prize in German—Class of 1879—Aaron V. S. Cochrane and William H. Smith (equal)

Scott Prize in French—Class of 1880—Cecil K. Austin

Winthrop Prize—Class of 1880—1st Prize, Horatio M. Reynolds

JUNIOR EXHIBITION PREMIUMS—CLASS OF 1880

1st Prize, William M. Hall ; 2d Prizes, Edward M. Bentley, Edmund F. Green, Frank W. Hopkins, Edward P. Noyes, Sidney C. Partridge, LeRoy B. Peckham, Doremus Scudder, Harry W. Taft

PREMIUMS FOR ENGLISH COMPOSITION—CLASS OF 1881

1st Term : 1st Prizes, John C. Coleman, Charles A. S. Dwight, Levi A. Eliel, Sherman Evarts, Adrian Van de Graaff ; 2d Prizes, Philip G. Bartlett, Joseph D. Burrell, George E. Ide, James Leighton ; 3d Prizes, Russell A. Bigelow, Allen B. Lincoln, Frederick Seymour, George B. Silliman

2d Term : 1st Prizes, Philip G. Bartlett, Joseph D. Burrell, John C. Coleman, Sherman Evarts, James Leighton ; 2d Prizes, John E. Bowen, Charles A. S. Dwight, Freeman C. Griswold, Aubrey D. Hiles, Everett Warren ; 3d Prizes, Edwin E. Aiken, Russell A. Bigelow, Levi A. Eliel, Allen B. Lincoln, Harris Richardson, George B. Silliman

PRIZES FOR DECLAMATION—CLASS OF 1881

1st Prize, George E. Ide and Frank N. Loomis ; 2d Prize, Arthur E. Bostwick and Henry S. Durand ; 3d Prize, Harris Richardson

MATHEMATICAL PRIZES

Class of 1881—1st Prize, Frank B. Lucas ; 2d Prizes, Charles W. Holzheimer, Isaac Thomas

Class of 1882—1st Prize, Barclay Johnson ; 2d Prize, Wayland I. Bruce ; 3d Prizes, Frank F. Abbott, David Kinlay

BERKELEY PREMIUMS FOR LATIN COMPOSITION—CLASS OF 1882

1st Prizes, Frank F. Abbott, Morgan H. Beach, Benjamin Brewster, Carlton A. Foote, Charles B. Graves, William L. Littlehales ; 2d Prizes, Wayland I. Bruce, Barclay Johnson, Arthur Scranton, William Seymour, Bernard Titche, John L. Wells

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SHEFFIELD SCIENTIFIC SCHOOL

Class of 1879

PRIZE FOR EXCELLENCE IN GERMAN, Nathaniel T. Bacon, with honorable mention of Robert W. Patrick

PRIZE FOR EXCELLENCE IN FRENCH, George A. Saunders

PRIZE FOR EXCELLENCE IN CIVIL ENGINEERING, George A. Saunders

Class of 1880

PRIZE FOR EXCELLENCE IN MATHEMATICS, Dwight Porter, with honorable mention of Edwin M. Rogers and Harry O. Carrington

Class of 1881

PRIZE FOR EXCELLENCE IN ALL THE STUDIES OF FRESHMAN YEAR, Ethan A. Andrews

PRIZES FOR EXCELLENCE IN MATHEMATICS, Ethan A. Andrews, Tien Yow Jeme, William M. Wood

PRIZE FOR EXCELLENCE IN PHYSICS, Ethan A. Andrews

PRIZES FOR EXCELLENCE IN MECHANICAL DRAWING—1st Prizes, John S. Ely, Seymour F. Frasick ; 2d Prizes, Ethan A. Andrews, George F. Bosworth, Lester P. Breckinridge, Charles M. Downs, Henry H. Gladding, Willis B. Wright

PRIZES FOR ENGLISH COMPOSITION—1st Prizes, Seymour F. Frasick, Richard L. Trumbull ; 2d Prizes, Ethan A. Andrews, John S. Ely ; 3d Prizes, Arthur D. Bevan, George F. Bosworth, George S. Folsom, Henry H. Gladding, Howard Van Rensselaer, William M. Wood

Class of 1882

PRIZE FOR THE BEST ENTRANCE EXAMINATION, Harry W. Casey, from the Emerson Institute, Washington, D.C.

DEPARTMENT OF THEOLOGY

HOOKER FELLOWSHIP—Class of 1879—CHARLES E. GARMAN, B.A.

DEPARTMENT OF LAW

TOWNSEND PRIZE, for pronouncing the best oration at graduation—Class of 1879—James H. Brewster, Ph.B.

Committee of Award: Hon. E. W. Stoughton, New York City
Hon. Henry Hitchcock, LL.D., St. Louis, Mo.
Hon. William Hamersley, Hartford

JEWELL PRIZE, for the best examination at graduation—Class of 1879—George M. Brooks

BETTS PRIZE, for the best examination on the studies of Junior year—Class of 1880—Ezra A. Tuttle

HONORS

[These lists comprise the names of the five in each class who received the highest marks at the annual examination.]

Class of 1879

George Murray Brooks (Jewell Prize), Portland, Me.
Wallace Bruce Fenn, Jr., Ph.B., New Haven
James Parkhill Andrews, B.A., Hartford
James Henry Brewster, Ph.B., New Haven
Edward Denmore Robbins, B.A., Wethersfield

Class of 1880

Ezra Armstrong Tuttle (Betts Prize), Oswego, N. Y.
Edward Baldwin Whitney, B.A., New Haven
Amos Avery Browning, Ph.B., Norwich
Samuel Leonard Tilley Carvell, Hampton, N. B., Canada
Gerrit Smith, B.A., New Haven

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